

Combines & Balers

CASE INTERNATIONAL

Make/Model	Engine	Transmission	Hydraulics	
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CASE INTERNATIONAL

LBX421 (Balers)	2002-	-	EP85W/140	20	Triad 46	4
2166, 2188 (NCE 8.3) (Combines)	1994-	DT	Ring Free XHD 15W/40	21	Liquimatic HY	38
2365, 2366, 2388 (NCE 8.3 engine) (Combines)	1997-	DT	Ring Free XHD 15W/40	21	Liquimatic HY	38
CF 80 (Combines)	1997-	D / DT	Ring Free XHD 15W/40	21	EP 80W/90	7
CT5050, CT5060, CT5070, CT5080 (Combines)		D / DT	Ring Free XHD Plus 15W/40 a	21/23	-	Triad 46
						20

a. Engine oil viscosity dependent on ambient conditions

General Notes

1. Use only Case International approved fluids in transmissions and hydraulic systems during warranty

CLAAS

2200, 2200RC (Balers)	1998-	-	Lodexol 80W/90	24	Liquimatic HV46 g	17
Markant 55, 65 (Balers)	1966-	-	EP 80W/90	6	Liquimatic HV46 g	10
Quadrant 2100, 2100 Roto Feed, 2100 Roto Cut (Balers)	2002-	-	Lodexol 80W/90	15	Liquimatic HV46 g	5.5
Quadrant 2200, 2200 Roto Cut (Balers)	2002-	-	Lodexol 80W/90	24	Liquimatic HV46 g	17
Rollant 34, 44, -S, 62, -S (Balers)	1979-	-	EP 80W/90	2.5		
Rollant 46, 66 (Balers)	1988-	-	EP 80W/90	2.5		
Rollant 250 (Balers)	1998-	-	EP 80W/90	2.5		
Rollant 255RC, 254RC, Rollant Uniwrap (Balers)	2002-	-	Lodexol 80W/90	1.2	-	-
Variant 180 (Balers)	1997-	-	Lodexol 80W/90	20		
310, 320, 340 Medion (Mercedes OM 906LA) (Combines)	2000-	DT	b	6	Liquimatic HV46 cg	20
Medion 330 (Combines)		DT	Ring Free Ultra 10W/40	28	EP 80W/90	6
202 Mega (OM 366A) (Combines)	1994-	DT	Ring Free XHD 15W/40	16.5	Lodexol 80W/90	6.8
202 Mega (Perkins 1006.6T) (Combines)	1994-	DT	Ring Free XHD 15W/40	13.1	Lodexol 80W/90	6.8
202 Mega 2 (Perkins 1006.6T) (Combines)	1996-	DT	Ring Free XHD 15W/40	13.5	Lodexol 80W/90	6.8
DO 202 Mega III (Perkins 1006.6T)	2005-	DT	Ring Free XHD 15W/40	14.0	EP 80W/90	6.8
DO 202 Mega III (MB OM 366A)	2005-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90	6.8
203 Mega (OM 366A) (Combines)	1994-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90 a	6.8
203 Mega (Perkins 1006.6T) (Combines)	1994-	DT	Ring Free XHD 15W/40	13.1	EP 80W/90 a	6.8
203 Mega 2 (Perkins 1006.6T) (Combines)	1996-	DT	Ring Free XHD 15W/40	13.5	Lodexol 80W/90	6.8
DO 203 Mega III (Perkins 1006.6T)	2005-	DT	Ring Free XHD 15W/40	14	EP 80W/90	6.8
DO 203 Mega III (MB OM 366 A)	2005-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90	6.8
204 Mega (OM 366LA) (Combines)	1994-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90 a	6.8
204 Mega 2 (OM 366LA) (Combines)	1996-	DT	Ring Free XHD 15W/40	16.5	Lodexol 80W/90	6.8
DO 204 Mega II (MB OM 906 LA)	2005-	DT	Ring Free Ultra 10W/40	28.0	EP 80W/90	6.0
DO 204 Mega III 147kW (MB OM 366 LA)	2005-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90	6.8
DO 204 Mega III 163 kW (MB OM 366 LA)	2005-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90	6.8
208 Mega (OM 366LA) (Combines)	1994-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90 a	5
208 Mega 2 (OM 366LA) (Combines)	1996-	DT	Ring Free XHD 15W/40	18	EP 80W/90	5
DO 208 Mega III (MB OM 906 LA)	2005-	DT	Ring Free Ultra 10W/40	28.0	EP 80W/90	6.0
DO 208 Mega III (MB OM 366 LA)	2005-	DT	Ring Free XHD 15W/40	18.0	EP 80W/90	5.0
218 Mega (OM 441A) (Combines)	1992-	DT	Ring Free XHD 15W/40	16.5	EP 80W/90	5
218 Mega 2 (OM 441A) (Combines)	1996-	DT	Ring Free XHD 15W/40	16	EP 80W/90	5
DO 218 Mega III (MB OM 441 A)	2005-	DT	Ring Free XHD 15W/40	16.0	EP 80W/90	5.0

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Make/Model	Engine	Transmission	Hydraulics	
Mega 350, 360 (Combines)	2004- DT Ring Free Ultra 10W/40	28 EP 80W/90	6	Liquimatic HV46 cg 20
Commandor 228CS (OM 443) (Combines)	1990- D Ring Free XHD 20	28.5 EP 80W/90 a	5	Liquimatic HV46 g 7
Dominator 116CS, Commandor 116CS (OM 422) (Combines)	1981- D Ring Free XHD 20	25.5 EP 80W/90 a	5	Liquimatic HV46 g 7
Dominator 118SL Maxi (OM 441A) (Combines)	1990- DT Ring Free XHD 15W/40	16.5 EP 80W/90	5	Liquimatic HV46 g 7
128VX (Dominator)	2005- DT Ring Free Ultra 10W/40	28.0 EP 80W/90	6.0	Liquimatic HV46 g 20.0
Lexion 405, 410, 420, 430, 440, 450, 460 (OM401LA) (Combines)	1995- DT Ring Free XHD 15W/40	15 EP 80W/90	5	Liquimatic HV46 g 20
Lexion 405, 410, 420, 430, 450, 460 (Perkins 1306T) (Combines)	1995- DT Ring Free XHD 15W/40	24.6 EP 80W/90	5	Liquimatic HV46 g 20
Lexion 470 (Caterpillar C12 / C9) (Combines)	2000- D / DT Ring Free XHD Plus 15W/40	32/34 EP 80W/90	6.5/7	Liquimatic HV46 cg 30
Lexion 480 (OM401LA) (Combines)	1995- DT Ring Free XHD 15W/40	15 EP 80W/90	5	Liquimatic HV46 g 20
Lexion 480 (Caterpillar C12 / C9) (Combines)	2000- D / DT Ring Free XHD Plus 15W/40	32/34 EP 80W/90	5/7	Liquimatic HV46 cg 30
Lexion 510, Lexion 520, Lexion 530 (Combines)	2003- DT Ring Free XHDS 10W/40	28 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 540, Lexion 540C (Combines)	2003- DT Ring Free XHDS 10W/40	28 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 550 (Combines)	2003- DT Ring Free XHDS 10W/40	32 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 560 (Combines)	2003- DT Ring Free XHDS 10W/40	34 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 570 (Caterpillar C12) (Combines)	2003- DT Ring Free XHDS 10W/40	34 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 570 Montana (Caterpillar C12) (Combines)	2003- DT Ring Free XHDS 10W/40	34 EP 80W/90	d	Liquimatic HV46 g 30
Lexion 580 (OM 502LA) (Combines)	2003- DT Ring Free Ultra 10W/40	38 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 580 Terra Trac (OM 502LA) (Combines)	2003- DT Ring Free Ultra 10W/40	38 EP 80W/90	10.8	Liquimatic HV46 g 30
Lexion 600, 600 Terra Trac	DT Ring Free Ultra 10W/40	38 EP 80W/90	17	Liquimatic HV46 30

- a. *Sauer hydrostatic drive: 27 ltr, Liquimatic HV46, 1987 onwards: 17 ltr*
 b. *Mercedes OM906LA engine: 28 ltr, Ring Free Ultra 10W/40; Perkins 1006-6TA engine: 15.3 ltr, Ring Free XHD 15W/40*
 c. *The oil must have detergent properties*
 d. *Capacity unquoted:*
 e. *21T single step/19T two step*
 f. *Ground drive/working hydraulics*
 g. *Liquimatic No.5 also suitable for combine hydraulics if '3D Cleaning System' is not fitted and for all hydrostatic drives*

General Notes

1. *Models prior to 1994, use only Ring Free XHD 20 in naturally aspirated engines and Ring Free XHD 20 in turbocharged engines for first 200 hours operation*
 2. *Model year 1994 onwards use only special running-in oil for first 100 hours operation (models identified by decal in cab)*

DEUTZ-FAHR

HD380 (Balers)	1986-	-	EP 80W/90	2.5	
HD440, HD490 (Balers)	1984-	-	EP 80W/90	3.5	
GP2.30, 2.50 (Balers)	1985-	-	EP 80W/90	0.8	
GP3.612 (Balers)	1991-	-	EP 80W/90	12	
RB3.20 OC, RB3.50 OC Round Baler (Balers)	1991-	-	EP 80W/90	0.8	
4030, 4035, 4040 (4000 Series)	2005-	D / DT Ring Free XHD 15W/40 m	13.5/18.0 EP 80W/90	14.0	Triad 46 n 20.0
4045H (4000 Series)	2005-	D / DT Ring Free XHD 15W/40 m	17.5 EP 80W/90	14.5	Triad 46 n 20.0
4060 (4000 Series)	2005-	D / DT Ring Free XHD 15W/40 m	17.5 EP 80W/90	14.0	Triad 46 n 28.0
4060H, 4065H, 4070H, 4080H, 4090H (4000 Series)	2005-	D / DT Ring Free XHD 15W/40 m	16.0/21.0 EP 80W/90	14.0	Triad 46 n 28.0
4068H, 4075H (4000 Series)	2005-	D / DT Refer to Main Dealer p	16.0/17.5 EP 80W/90	14.0	Triad 46 n 28.0
5545H, 5565H, 5585HT (55 Series)	2005-	DT Super Farm Universal 10W/30 j	26.0 EP 80W/90 k	7.0	Liquimatic HV46 25.0
5670H, 5670HTS (Combines)	DT	Ring Free Ultra 10W/40	15.5/21 e EP 80W/90	14/17 g	Triad 46 45/70 h
5680HTS, 5690HTS (Combines)	DT	Ring Free Ultra 10W/40	15.5/21 e EP 80W/90	14/17 g	Triad 46 70
M33.60 (Deutz 4-cyl) (Combines)	1988-	D Ring Free XHD 15W/40 d	10.5 EP 80W/90	3	Triad 46 16
M34.80 (Deutz 6-cyl) (Combines)	1988-	D Ring Free XHD 15W/40 d	13.5 EP 80W/90	15	Triad 46 20
M35.80M, M35.80H (Deutz 6-cyl) (Combines)	1985-	D Ring Free XHD 15W/40 d	15.5 EP 80W/90	6	Triad 46 25
M36.10H (Deutz 6-cyl) (Combines)	1985-	D Ring Free XHD 15W/40 d	15.5 EP 80W/90	8.5	Triad 46 25

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DEUTZ-FAHR

Make/Model	Engine	Transmission	Hydraulics	
M36.30H/M36.30HS (Deutz 6/8-cyl) (Combines)	1985- D Ring Free XHD 15W/40 d 15.5/22	EP 80W/90	8.5 Triad 46	25
M36.40H (Deutz 8-cyl) (Combines)	1987- D Ring Free XHD 15W/40 d 20	EP 80W/90	8.5 Triad 46	25
M40.30 (Deutz 6-cyl) (Combines)	1994- D Ring Free XHD 15W/40 d 18	EP 80W/90	15 Triad 46	20
M40.40 (Deutz 6-cyl) (Combines)	1989- D Ring Free XHD 15W/40 d 15	EP 80W/90	14 Triad 46	25
M40.45H (Deutz 6-cyl) (Combines)	1994- D Ring Free XHD 15W/40 d 15	EP 80W/90	14 Triad 46	25
Topliner Series: 40.60, 40.65, 40.70, -H, -HTS (Deutz 6-cyl) (Combines)	1992- DT Ring Free XHD 15W/40 d 17.5	EP 80W/90	14 Triad 46	28
Topliner Series: 40.75, 40.80, -H, -HTS (Deutz 8-cyl) (Combines)	1992- D Ring Free XHD 15W/40 cd 21	EP 80W/90	14 Triad 46	28
Topliner Series: 40.90 HTS (Deutz 8-cyl) (Combines)	1992- DT Ring Free XHD 15W/40 d 21	EP 80W/90	14 Triad 46	28

- a. Lateral gear/Planetary gear
- b. Capacity unquoted:
- c. 40.75H with engine code MB70: Use only Ring Free Ultra 10W/40
- d. Alternative recommendations, Engine: Ring Free XHD 30
- e. BF6L913C engine/BF6M1013FC engine
- f. Dana & ZNK16/ZNK25
- g. Dana & ZNK19/ZNK25
- h. without balance/with balance
- j. Alternative recommendations, Engine: -10°C to >30°C, 10W-30; >10°C to >45°C, 15W-40
- k. Alternative recommendations, Gear oils: -10°C to >30°C, EP 80W-90; >10°C to >45°C, EP 85W-140
- m. Alternative recommendations: 20W-50; 30
- n. Alternative recommendations: >30°C, Ring Free XHD 30; >30°C, Ring Free XHD 15W/40; >30°C, Refer to Main Dealer; >30°C, CD+SE 20W-50
- p. Engine model BF6L 913C code MB70 (176kW): Use synthetic oil only. Recommended oils: Refer to Main Dealer

DRONNINGBORG/DANIA

D900, D950	D Magnol STOU 15W/30 c 7.5	EP 80W/90	4 Triad 68	4.5
D1200	D Magnol STOU 15W/30 c 8	EP 80W/90	7.5 Triad 68	35
D1250, D1500	D Magnol STOU 15W/30 c 8	EP 80W/90	7.5 Triad 68	35
D1600, D1650, D1800	D Magnol STOU 15W/30 c 14	EP 80W/90	7.5 Triad 68	35
D1900	D Magnol STOU 15W/30 c 16	EP 80W/90	3.5 Triad 68	32
D2200	D Magnol STOU 15W/30 c 14	-	- Triad 68	70
D2500	DT Ring Free XHD 15W/40 c 14	-	- Triad 68	70
D2600	D Magnol STOU 15W/30 c 20	-	- Triad 68	70
D3000, D3600	DT Ring Free XHD 15W/40 c 7.5	EP 80W/90	3.5 Triad 68	18
D4000	DT Ring Free XHD 15W/40 c 10	EP 80W/90	3.5 Triad 68	32
D4500	DT Ring Free XHD 15W/40 c 13	EP 80W/90	3.5 Triad 68	32
D5000	DT Ring Free XHD 15W/40 c 20	EP 80W/90	4 Triad 68	87
D5500	DT Ring Free XHD 15W/40 c 20	EP 80W/90	3 Triad 68	87
D7000S	DT Ring Free XHD 15W/40 c 17	EP 80W/90	3.5 Triad 68	32
D7200	DT Ring Free XHD 15W/40 c 13/13.5 a	EP 80W/90	3.5 Triad 68	35
D7500	DT Ring Free XHD 15W/40 c 13/13.5 a	EP 80W/90	6.5 Triad 68	35
D8000S	DT Ring Free XHD 15W/40 c 16	EP 80W/90	6.5 Triad 68	32
D8500	DT Ring Free XHD 15W/40 c 13/13.5 a	EP 80W/90	6.5 Triad 68	32
D9000	DT Ring Free XHD 15W/40 c 23	EP 80W/90	11 Triad 68	43

- a. Perkins/Valmet
 - b. Capacity unquoted:
 - c. Alternative recommendations: STOU; SAE 20W-20
- General Notes
1. Use only Ring Free XHD 20 in naturally aspirated engines during run-in and early life

FENDT

5220 (Combines)	1999- DT Ring Free XHD 15W/40 21	EP 80W/90 a	7.5 Triad 68	83
5250 (Combines)	1999- DT Ring Free XHD 15W/40 21	EP 80W/90 a	10.5 Triad 68	83
6300 (Combines)	1999- DT Ring Free XHD 15W/40 33	EP 80W/90 a	9.5 Triad 68	83
6330 (Combines)	1999- DT Ring Free XHD 15W/40 33	EP 80W/90 a	9.5 Triad 68	90
8350 (Combines)	2000- DT Ring Free XHD 15W/40 33	EP 80W/90	9.5 Triad 68	90

- a. Right-angle gear: This grease must not be changed, only refilled if needed

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Make/Model	Engine	Transmission	Hydraulics	
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JOHN DEERE

332A, 342A, 359 (Balers)	1982-	-	EP85W/140	3.8	Liquimatic JDF v	a		
456, 456A, 459, 466, 468 (Balers)	1977-	-	EP85W/140	3.8	Liquimatic JDF v	a		
540, 545, 550 Round Baler (Balers)	1982-	-	EP85W/140	0.7				
568, 578, 572, 582, 592 Round Baler (Balers)	2001-	-	EP 80W/90	1.3 d				
570, 580, 590 Round Baler (Balers)	1994-	-	EP 80W/90	1.3				
680, 690 Big Baler (Balers)	1996-	-		15	Liquimatic HV46	10		
1055 (Combines)	1983-	D	Ring Free XHD 15W/40 v	11.5	EP 80W/90 u	6.6	Liquimatic JDF v	20
1157 (Combines)	1990-	D	Ring Free XHD 15W/40 v	11.5	EP 80W/90 u	6.6	Liquimatic JDF v	20
1166, -SII, 1169H, -SII, 1174, -SII (Combines)	1989-	DT	Ring Free XHD 15W/40 v	13	EP 80W/90 u	6.6	Liquimatic JDF v	20
1166 Hydro/4, -SII (Combines)	1990-	DT	Ring Free XHD 15W/40 v	13	EP 80W/90 u	6.6	Liquimatic JDF v	20
1170 (Combines)	1997-	DT	Ring Free XHD 15W/40	18	EP 80W/90 u	7	Liquimatic JDF v	28
1174 Hydro/4, -SII (Combines)	1989-	DT	Ring Free XHD 15W/40 v	13	EP 80W/90 u	6.6	Liquimatic JDF v	20
1177, -SII (Combines)	1989-	DT	Ring Free XHD 15W/40 v	17	EP 80W/90 u	6.6	Liquimatic JDF v	20
1177 Hydro/4, -SII (Combines)	1989-	DT	Ring Free XHD 15W/40 v	20	EP 80W/90 u	6.6	Liquimatic JDF v	20
1188, -SII (Combines)	1988-	DT	Ring Free XHD 15W/40 v	20	EP 80W/90 u	6.6	Liquimatic JDF v	20
1188 Hydro/4, -SII (Combines)	1988-	DT	Ring Free XHD 15W/40 v	20	EP 80W/90 u	6.6	Liquimatic JDF v	20
1450CWS (Combines)	2001-	DT	Ring Free XHD 15W/40	24.6		-	Liquimatic JDF v	29
1550CWS (Combines)	2001-	DT	Ring Free XHD 15W/40	32.5		-	Liquimatic JDF v	29
9540WTS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	18.9	Liquimatic JDF v	16	Liquimatic JDF v	34
9560WTS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	28.5	Liquimatic JDF v	16	Liquimatic JDF v	34
9580WTS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	28.5	Liquimatic JDF v	16	Liquimatic JDF v	34
9640WTS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	28.5	Liquimatic JDF v	16	Liquimatic JDF v	34
9660WTS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	28.5	Liquimatic JDF v	16	Liquimatic JDF v	34
9680WRS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	28.5	Liquimatic JDF v	16	Liquimatic JDF v	34
9660 STS, 9760 STS (Combines)		DT	Ring Free XHD 15W/40 e	29.5	EP 80W/90 fu	9.6	Liquimatic HY	34
9780CTS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	28.5	Liquimatic JDF v	16	Liquimatic JDF v	34
9860 STS (Combines)		DT	Ring Free XHD 15W/40 e	42	EP 80W/90 fu	9.6	Liquimatic HY	34
9650STS, 9750STS (Combines)		D / DT	Ring Free XHD 15W/40 e	28.5	EP 80W/90	9.6	Liquimatic JDF v	34
9450 (Combines)		DT	Ring Free XHD 15W/40 e	18.9	EP 80W/90 fu	9.6	Liquimatic HY	34
9880STS (Combines)	2001-	DT	Ring Free XHD 15W/40 e	42	Liquimatic JDF v	21.3	Liquimatic JDF v	34
9550, 9650 (Combines)		DT	Ring Free XHD 15W/40 e	28.5	EP 80W/90 fu	9.6	Liquimatic HY	34
CTS (Combines)	1996-	DT	Ring Free XHD 15W/40	28.5	EP 80W/90 u	7	Liquimatic JDF v	65/89
Z Series Hillmaster 2054 (Combines)	1993-	DT	Ring Free XHD 15W/40 v	17	EP 80W/90 u	9.6	Liquimatic JDF v	65/73 bc
Z Series Hillmaster 2056 (Combines)	1993-	DT	Ring Free XHD 15W/40 v	25	EP 80W/90 u	9.6	Liquimatic JDF v	65/73 bc
Z Series Hillmaster 2058 (Combines)	1993-	DT	Ring Free XHD 15W/40 v	25	EP 80W/90 u	9.6	Liquimatic JDF v	65/73 bc
Z Series Hillmaster 2064 (Combines)	1993-	DT	Ring Free XHD 15W/40 v	25	EP 80W/90 u	9.6	Liquimatic JDF v	65/73 bc
Z Series Hillmaster 2066 (Combines)	1993-	DT	Ring Free XHD 15W/40 v	25	EP 80W/90 u	9.6	Liquimatic JDF v	65/73 bc
Z Series Hillmaster 2254 (Combines)	1997-	DT	Ring Free XHD 15W/40	19	EP 80W/90 u	7	Liquimatic JDF v	65/89
Z Series Hillmaster 2256 (Combines)	1997-	DT	Ring Free XHD 15W/40	28.5	EP 80W/90 u	7	Liquimatic JDF v	65/89
Z Series Hillmaster 2258 (Combines)	1997-	DT	Ring Free XHD 15W/40	28.5	EP 80W/90 u	7	Liquimatic JDF v	65/89
Z Series Hillmaster 2264 (Combines)	1997-	DT	Ring Free XHD 15W/40	28.5	EP 80W/90 u	7	Liquimatic JDF v	65/89
Z Series Hillmaster 2266 (Combines)	1997-	DT	Ring Free XHD 15W/40	28.5	EP 80W/90 u	7	Liquimatic JDF v	65/89
9970 (Cotton Pickers)	1998-	DT	Ring Free Ultra 10W/40 pi	28.5	Liquimatic JDF	7.6	Liquimatic JDF j	s
9976 (Cotton Pickers)	1997-	DT	Ring Free XHD 15W/40 p	29.3	EP85W/140 k	6.6	Liquimatic JDF j	t
9986 (Cotton Pickers)	2001-	DT	Ring Free XHD 15W/40 e	29	EP85W/140 k	6.6	Liquimatic JDF j	t
9996 (Cotton Pickers)	2004-	DT	Ring Free Ultra 10W/40 hi	29	Liquimatic JDF	9.5	Liquimatic JDF j	t
7455 (Cotton Strippers)	1997-	DT	Ring Free XHD 15W/40 p	20	EP85W/140 k	13.6	Liquimatic JDF j	r
7460 (Cotton Strippers)	1997-	DT	Ring Free XHD 15W/40 p	20	EP85W/140 k	13.6	Liquimatic JDF j	r

a. Capacity unquoted:
 b. 2WD/4WD
 c. Hillmaster models: 70 ltr / 78 ltr
 d. If pre-cutter fitted add 0.1 ltr

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Make/Model	Engine	Transmission	Hydraulics	
e.	Alternative recommendations, Engine: -15°C to 50°C, 15W-40; -20°C to 50°C, 10W-40			
f.	Alternative recommendations, Gears (oil): -10°C to 50°C, EP 90; -10°C to 50°C, EP 85W-140; -25°C to 50°C, EP 80W-90; -25°C to 50°C, EP 80W-140; 5°C to 50°C, EP 140			
g.	Heavy Duty/Single Reduction			
h.	Alternative recommendations, Engine: -20°C to 50°C, 15W-40; -25°C to 50°C, 10W-40; -30°C to 40°C, 5W-30; -40°C to 50°C, 0W-40; 0°C to 40°C, 30; 10°C to 50°C, 40			
i.	Other oils may be used if they meet one or more of the following; ACEA E2 or E3. API CF-4, CG-4, CH-4, CI-4. If CF-4 or CG-4 is used reduce oil drain interval by 50%			
j.	Alternative recommendations, Hydraulics: -25°C to 50°C, Liquimatic JDF; -40°C to 30°C, Liquimatic HY			
k.	Alternative recommendations, Gears (oil): -10°C to 50°C, 85W-140; -10°C to 40°C, 85W-90; -20°C to 40°C, 80W-140; -20°C to 35°C, 80W-90			
m.	Sole recommendation: Refer to Main Dealer			
n.	Preferred grade: Refer to Main Dealer			
p.	Alternative recommendations, Engine: -15°C to 50°C, 15W-40; -20°C to 40°C, 10W-40; -30°C to 30°C, 5W-30; -40°C to 40°C, 0W-40; 0°C to 40°C, 30			
q.	Preferred grade: Refer to Main Dealer			
r.	Reservoir 68 ltr, System 79.5 ltr			
s.	Reservoir 34 ltr, System 62.5 ltr			
t.	Reservoir 68 ltr, System 96.5 ltr			
u.	Alternative recommendations: EP 85W-90; EP 85W-140			
v.	Also recommended: Super Farm Universal 10W/30			
w.	Sole recommendation: Refer to Main Dealer			
General Notes				
1.	Use only John Deere approved fluids in transmissions and hydraulics during warranty			

JONES (ALLIS-CHALMERS/JONES)

100 Rolo Baler	1983-	-	Lodexol 80W/90	0.8
150/155/535 Baler	1982-	-	Lodexol 80W/90	a
Mk 15/AC404S, Mk 16/160/165/757 Baler	1978-	-	Lodexol 80W/90	a

a. Capacity unquoted:
General Notes

KRONE

80/80, 120/80 Big pack baler	1994-	-	a	15	Liquimatic HV46	10
KR 8-16 Chamber baler	1992-	-	Lodexol 80W/90	1		
KR 125, 130, 160	1984-	-	Lodexol 80W/90	1		

a. Main gearbox: Lodexol 150, Bottom pick-up drive gear box: K323. Gatherer gearbox: 3 ltr, Lodexol Ultra Drive 80W/90. All other gearboxes: Lodexol Ultra Drive 80W/90
b. Also recommended: As Engine
General Notes

LAVERDA

304, 305, 306 (M Series)	D / DT	Ring Free XHD Plus 15W/40	28.0	EP 80W/90	12.0	Liquimatic HV46	20.0/31.0 b
304 LS 4WD, 306 LS 4WD (M Series)	D / DT	Ring Free XHD Plus 15W/40	28.0	EP 80W/90	12.0	Liquimatic HV46	28.0/47.0
2350, L627 (LS Series)	D / DT	Ring Free XHD 15W/40	18.0/19.0	EP 80W/90	12.0	Liquimatic HV46	28.0/57 b
25.50 (LS Series)	D / DT	Ring Free XHD Plus 15W/40	28.0	EP 80W/90	12.0	Liquimatic HV46	28.0/47.0 b
1950, 2050, 2350, 2560, 2760, L627 (LX Series)	D / DT	Ring Free XHD 15W/40	17.0/19.0	EP 80W/90	12.0	Liquimatic HV46	17.0/25.0 b
21.50, 25.50, 28.60 (LXE Series)	D / DT	Ring Free XHD Plus 15W/40	17.0/28.0	EP 80W/90	12.0	Liquimatic HV46	17.0/31.0 b

a. Alternative recommendations, Engine: <35°C, 30; >35°C, 40
b. Reservoir / System
General Notes
1. From 05/2000, Laverda sold to ARGO S.p.A., holding company of Landini
2. See also: New Holland (FiatAgri-Laverda)

MASSEY FERGUSON

185 MB Big Baler (Balers)	1996-	-	EP85W/140	9.5				
190 LB Big Baler (Balers)	1996-	-	EP85W/140	18.8				
8 (Perkins A4.236) (Combines)	1985-	D	Ring Free XHD 15W/40 mn	8	Lodexol 80W/90	4	Liquimatic JDF k	40
23 (Valmet 420 DSL) (Combines)	1994-	DT	Super Farm Universal 10W/30 mn	14	Lodexol 80W/90	3	Super Farm Universal 10W/30	12
26 (Valmet 620 DSL) (Combines)	1994-	DT	Super Farm Universal 10W/30 mn	15	Lodexol 80W/90	4	Super Farm Universal 10W/30	12
28 (Combines)	2000-	D	Super Farm Universal 10W/30 mn	14/30 f	EP 80W/90	3/3.5	Liquimatic HV46	12/25 g
28 (Combines)	2000-	DT	Super Farm Universal 10W/30 mn	14/30 f	EP 80W/90	3/3.5	Liquimatic HV46	12/25 g
30, 32 (Valmet 620 DSL) (Combines)	1990-	DT	Ring Free XHD 15W/40 mn	23	EP 80W/90	11	Triad 68	55
34, 38 (Valmet 612) (Combines)	1988-	DT	Ring Free XHD 15W/40 mn	23	EP 80W/90	11	Triad 68	55
36RS (Valmet 612) (Combines)	1992-	DT	Ring Free XHD 15W/40 mn	23	EP 80W/90	7.5	Triad 68	55

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Combines & Balers

MASSEY FERGUSON

Make/Model	Engine	Transmission	Hydraulics	
40RS (Valmet 612) (Combines)	1992- DT Ring Free XHD 15W/40 mn 23	EP 80W/90	10	Triad 68 55
7250, 7252,-AL (Combines)	1999- DT Ring Free XHD 15W/40 mn 27	EP 80W/90	7.5	Triad 68 55
7254,-AL (Combines)	1999- DT Ring Free XHD 15W/40 mn 27	EP 80W/90 e	7.5	Triad 68 90
7256,-AL (Combines)	1999- DT Ring Free XHD 15W/40 mn 27	EP 80W/90 e	10.5	Triad 68 90
7272,-AL (Combines)	1999- DT Ring Free XHD 15W/40 mn 27	EP 80W/90 e	10.5	Triad 68 90
7274,-AL, 7274,- Cerea, Cerea AL (Combines)	1999- D / DT Ring Free XHD 15W/40 mn 27	EP 80W/90 e	9.5	Triad 68 90
7276,-AL (Combines)	1999- DT Ring Free XHD 15W/40 mn 27	EP 80W/90 e	9.5	Triad 68 90
7278,- Cerea (Combines)	2000- DT Ring Free XHD 15W/40 mn 27	EP 80W/90	9.5	Triad 68 90
8780 (Combines)	2000- DT Ring Free XHD 15W/40 mn 18.9	Liquimatic JDF h	8.5	From Transm -

- a. Also suitable, top-up only: Liquimatic Super ATF
 - b. Capacity unquoted. Fill to level hole
 - c. Without/with hydrostatic drive
 - d. Preferred grade: Liquimatic HV46
 - e. Right-angle gear: This must not be changed, only refilled if needed. Refer to Main Dealer for lubricant grade
 - f. 4 cylinder/6 cylinder
 - g. Working hydraulics/Traction hydraulics
 - h. Do not use GO MAF 1134 in transmission
 - i. Alternative recommendations: GL-5 80W-90
 - k. Also recommended: Super Farm Universal 10W/30
 - m. Super Farm Universal 10W/30 is suitable for all engines
 - n. Alternative recommendations, Engine: 10W-30; 20W-20
- General Notes
1. Use only CC+SE or TOU oils in Perkins naturally aspirated engines during run-in and light load operation

MENGELE

530 Big Square Baler	1994-	-	EP 80W/90	a	Triad 46	15
550 Big Square Baler	1994-	-	EP 80W/90	25	Triad 46	15
SB 8580 Big Baler	1990-	-	Lodexol 80W/90	8	Triad 68	60

- a. Capacity unquoted:

NEW HOLLAND (FIATAGRI - HESSTON)

814 Round (Balers)	-	-	EP 80W/90	0.9	-	-
945 Round, 945 Silage Round (Balers)	-	-	EP 80W/90	0.9	-	-
946 Auto-Cycle Round, 946 Silage Auto-Cycle Round (Balers)	-	-	EP 80W/90	0.9	Triad 68	16
955 Round (Balers)	-	-	EP 80W/90	0.9	-	-
956 Round (Balers)	-	-	EP 80W/90	0.9	-	-
956 Auto-Cycle Round (Balers)	-	-	EP 80W/90	0.9	Triad 68	16
4590 (Balers)	1991-	-	EP85W/140	b	Liquimatic JDF	2.7
4600 (Balers)	1990-	-	EP85W/140	12	Liquimatic Super ATF	6
4750 (Balers)	1992-	-	EP85W/140	9.5	-	-
4760 (Balers)	-	-	EP85W/140	9.5	-	-
4790 (Balers)	-	-	EP85W/140	18.9	-	-
4820 Square (Balers)	1993-	-	EP85W/140	12	Triad 46	b
4860, 4880 Square (Balers)	1993-	-	EP85W/140	20	Triad 46	14
4900 Big (Balers)	1989-	-	EP85W/140	4	Liquimatic Super ATF	16
4910 (Balers)	-	-	EP85W/140	18.9	-	-
5650, 5670, -H, 5670 Auto Round (Balers)	1984-	-	EP85W/140	2.3	Liquimatic JDF a	3
5850, 5880 Round (Balers)	1992-	-	EP 80W/90	b	-	-
5930, -Twin Twine (Balers)	1996-	-	EP 80W/90	1	-	-
5950, 5980 (Balers)	1995-	-	EP 80W/90	1	-	-
8250, 8250S (Self Propelled Windrower Tractors)	D / DT	Ring Free XHD 15W/40	10.5	From Hydraulics	-	Ring Free XHD 15W/40 76/87 c
8450 (Self Propelled Windrower Tractors)	DT	Ring Free XHD 15W/40	10.5	From Hydraulics	-	Ring Free XHD 15W/40 76/87 c
9230 (Self Propelled Windrower Tractors)	DT	Ring Free XHD 15W/40	10.5	From Hydraulics	-	Ring Free XHD 15W/40 76/87 c
9240 (Self Propelled Windrower Tractors)	DT	Ring Free XHD 15W/40	7.6	From Hydraulics	-	Ring Free XHD 15W/40 76/87 c
9260 (Self Propelled Windrower Tractors)	DT	Ring Free XHD 15W/40	15	From Hydraulics	-	Ring Free XHD 15W/40 79/99 c

- a. Hydraulic fluid must be compatible with tractor system
- b. Capacity unquoted:
- c. System / Reservoir:

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Combines & Balers

NEW HOLLAND (FIATAGRI - HESSTON)

Make/Model	Engine	Transmission	Hydraulics	
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General Notes

1. Superfarm Universal 10W/30 / Magnol STOU are not approved for any application

NEW HOLLAND (FIATAGRI - LAVERDA)

3500 (Fiat 8061) (Combines)	1990-	D	Ring Free XHD 15W/40 b	16	EP 80W/90	10	Triad 46	17
3550 (Fiat 8061) (Combines)	1986-	DT	Ring Free XHD 15W/40 b	16	EP 80W/90	10	Triad 46	17
3550AL (Fiat 8061) (Combines)	1984-	DT	Ring Free XHD 15W/40 b	16	EP 80W/90	10	Triad 46	61
3650 (Fiat 8061) (Combines)	1986-	DT	Ring Free XHD 15W/40 b	16	EP 80W/90	10	Triad 46	25
3750 (Fiat 8061) (Combines)	1986-	DT	Ring Free XHD 15W/40 b	16	EP 80W/90	10	Triad 46	25
3790, 3890 (Fiat 8361) (Combines)	1986-	DT	Ring Free XHD 15W/40 b	17	EP 80W/90	14	Triad 46	25
3850 (Fiat 8361) (Combines)	1984-	DT	Ring Free XHD 15W/40 b	17	EP 80W/90	14	Triad 46	25
L413, L416, L516 (Combines)	1993-	DT	Ring Free XHD 15W/40	22.8	EP 80W/90	15	Liquimatic HV46	20
L517 MCS, -Integrale (Fiat 8061) (Combines)	1992-	DT	Ring Free XHD 15W/40 b	15	EP 80W/90	12	Liquimatic HV46	46
L518 MCS, L520 MCS (98 Series)		D / DT	Ring Free XHD 15W/40	17.0	EP 80W/90	12	Liquimatic HV46	23.0
L521 MCS, -Integrale and L624 MCS, -Integrale (Fiat 8361) (Combines)	1992-	DT	Ring Free XHD 15W/40 b	16	EP 80W/90	12	Liquimatic HV46	46
L523 MCS & L523 Integrale (98 Series)		D / DT	Ring Free XHD 15W/40	18.0	EP 80W/90	12.0	Liquimatic HV46	25.0
L524 MCS, -Integrale (Combines)	1992-	DT	Ring Free XHD 15W/40	18	EP 80W/90	12	Liquimatic HV46	25
L525 & L625 MCS (98 Series)		D / DT	Ring Free XHD 15W/40	18.0	EP 80W/90	12.0	Liquimatic HV46	25.0
L626 MCS, -Integrale (Combines)	1992-	DT	Ring Free XHD 15W/40	19	EP 80W/90	12	Liquimatic HV46	25
L627 Integrale (98 Series)		D / DT	Ring Free XHD 15W/40	19.0	EP 80W/90	12.0	Liquimatic HV46	25.0
MX240, MX300 (Fiat 8210) (Combines)	1987-	D	Ring Free XHD 15W/40 b	22	Triad 46 a	85	From Transm	-

a. Linde hydrostatic drive

b. Alternative recommendations, Engine: Ring Free XHD 30

General Notes

1. Superfarm Universal 10W/30 / Magnol STOU are not approved for any application

NEW HOLLAND (FORD)

AL 59 Hillside (Combines)	1995-	DT	Ring Free XHD 15W/40	23	EP 80W/90	12	Liquimatic HV46	41
Clayson 8030, 8040, 8055 (Ford 2723E) (Combines)	1980-	D	Ring Free XHD 15W/40	13.6	EP 80W/90	20	Liquimatic HV46	15
Clayson 8030, 8040, 8055 (Fiat 8051) (Combines)	1980-	D	Ring Free XHD 15W/40	14	EP 80W/90	20	Liquimatic HV46	15
Clayson 8030, 8040, 8055 (Fiat 8061) (Combines)	1980-	D	Ring Free XHD 15W/40	14	EP 80W/90	20	Liquimatic HV46	15/22
CS 520, CS 660 (Combines)	2002-	DT	Ring Free XHD Plus 15W/40	23		-	Liquimatic HV46 c	70
CS 540 (Combines)	2002-	DT	Ring Free XHD 15W/40	21.3	EP 80W/90	15	Liquimatic HV46	20
CS 640 (Combines)	2002-	DT	Ring Free XHD 15W/40	22.8	EP 80W/90	15	Liquimatic HV46 b	20
CR 960 (Combines)	2002-	DT	Ring Free XHD Plus 15W/40	23		-	Liquimatic HV46	70 c
CR 980 (Combines)	2002-	DT	Ring Free XHD Plus 15W/40	29		-	Liquimatic HV46	70 c
TC 52 (Ford 444T) (Combines)	1991-	DT	Ring Free XHD 15W/40	15.7	EP 80W/90	20	Liquimatic HV46	20
TC 52 (Ford 675T) (Combines)	1991-	DT	Ring Free XHD 15W/40	20.4	EP 80W/90	20	Liquimatic HV46	20
TC 54 (Combines)	1995-	DT	Ring Free XHD 15W/40	21.3	EP 80W/90	15	Liquimatic HV46	20
TC 56H (Combines)	1995-	DT	Ring Free XHD 15W/40	22.8	EP 80W/90	15	Liquimatic HV46 b	20
TC 56M (Combines)	1995-	DT	Ring Free XHD 15W/40	21.3	EP 80W/90	15	Liquimatic HV46	20
TC 56RS (Combines)		DT	Ring Free XHD 15W/40	21.3	EP 80W/90	15	Liquimatic HV46	20
TF 42 (Ford 678 HTA) (Combines)	1983-	DT	Ring Free XHD 15W/40	16	EP 80W/90	15/19	Liquimatic HV46	20
TF 42 (Fiat 8361-S1) (Combines)	1983-	DT	Ring Free XHD 15W/40	19	EP 80W/90	15/19	Liquimatic HV46	20
TF 44 (OM 421) (Combines)	1983-	D	Ring Free XHD 15W/40	18.5	EP 80W/90	15/19	Liquimatic HV46	20

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Combines & Balers

NEW HOLLAND (FORD)

Make/Model	Engine	Transmission	Hydraulics	
TF 44 (OM 421A) (Combines)	1983- DT Ring Free XHD 15W/40	18.5 EP 80W/90	15/19	Liquimatic HV46 20
TF 46 (OM 422) (Combines)	1986- D Ring Free XHD 15W/40	22.5 EP 80W/90	15	Liquimatic HV46 20
TF 46 (OM 442) (Combines)	1986- D Ring Free XHD 15W/40	22.5 EP 80W/90	15	Liquimatic HV46 20
TF 76 (Ford 675 TA/3) (Combines)	1994- DT Ring Free XHD 15W/40	21-23 EP 80W/90	15	Liquimatic HV46 32
TF 78 (Iveco 8460 SRI 20) (Combines)	1994- DT Ring Free XHD 15W/40	15-20 EP 80W/90	15	Liquimatic HV46 32
TL 58i (Iveco 8361 S110) (Combines)	1993- DT Ring Free XHD 15W/40	18 EP 80W/90	12	Liquimatic HV46 46
TR 88 (Combines)	1998- DT Ring Free XHD 15W/40	a EP 80W/90	14	Liquimatic JDF 55.6
TX 30, TX 32(M) (Ford 666 HT) (Combines)	1988- DT Ring Free XHD 15W/40	15.5 EP 80W/90	15	Liquimatic HV46 20
TX 34, -M (Ford 678 HT) (Combines)	1987- DT Ring Free XHD 15W/40	15.5 EP 80W/90	15	Liquimatic HV46 20
TX 34H, TX 36, -H (Ford 678 HTA) (Combines)	1987- DT Ring Free XHD 15W/40	16 EP 80W/90	15	Liquimatic HV46 20
TX 62, TX 63, TX 64, TX 65, TX 66 (Ford 675 TA/3) (Combines)	1993- DT Ring Free XHD 15W/40	21-23 EP 80W/90	15	Liquimatic HV46 20
TX 64 Plus (Ford 675 TA/3) (Combines)	1997- DT Ring Free XHD 15W/40	23 EP 80W/90	15	Liquimatic HV46 20
TX 65Plus, 67 (Combines)	1994- DT Ring Free XHD 15W/40	21-23 EP 80W/90	15	Liquimatic HV46 20
TX 68 (Iveco 8460 SRI) (Combines)	1993- DT Ring Free XHD 15W/40	27.5 EP 80W/90	15	Liquimatic HV46 20
TX 68, 68Plus (Combines)	1994- DT Ring Free XHD 15W/40	15-20 EP 80W/90	15	Liquimatic HV46 20
CX720, 740, 760, 780, 820 (NH engine)	2001- DT Refer to Main Dealer	23	-	Liquimatic HV46 70 c
CX840 (NH engine)	2001- DT Ring Free VS Plus 15W/40	23	-	Liquimatic HV46 70 c
CX860 (Iveco engine)	2001- DT Ring Free XHD Plus 15W/40	24	-	Liquimatic HV46 70 c
CX880 (Iveco engine)	2001- DT Ring Free XHD Plus 15W/40	29	-	Liquimatic HV46 70 c
275, 276 (Balers)	-	-	EP 80W/90	a
544 (Balers)	1996-	-	EP 80W/90	1
548 (Balers)	2001-	-	EP 80W/90	1
548 Combi (Balers)	2002-	-	EP 80W/90	1
565, 570, 575 (Balers)	1988-	-	EP 80W/90	2.5
640, 644, 650, 654 (round) (Balers)	1992-	-	EP 80W/90	a
648, 658 (round) (Balers)	1998-	-	EP 80W/90	1
835, 865 (round) (Balers)	1988-	-	EP 80W/90	a
1118 (Balers)	D Super Farm Universal 10W/30 ge	11.4	From Hydraulics	- Liquimatic JDF 49.2
BB920 (Balers)	2002-	-	EP 80W/90	12
BB940, BB940 Packer, BB940 Rotor, BB960, BB960 Rotor (Balers)	2000-	-	EP85W/140	20
BB940A, BB960A (Balers)	-	-	EP85W/140	20
BB950 Standard, BB950 Rotor Cutter (Balers)	2002-	-	EP 80W/90	20
BB950A (Balers)	-	-	EP 80W/90	20
BB980 (Balers)	2002-	-	EP 80W/90	20
BR740, BR750 (Balers)	2002-	-	XEP 90	a
D 710 (rectangular) (Balers)	1993-	-	EP 80W/90	12
D 800 (Balers)	1991-	-	EP 80W/90	4
D 1010, D 1210 (rectangular) (Balers)	1993-	-	EP 80W/90	20

- a. Capacity unquoted:
 b. 5-straw walker machines with hydrostatic drive only
 c. Includes hydrostatic system
 d. Standard: 7.2 ltr, Lodexol Ultra Drive 80W/90; heavy duty: 7.9 ltr, Lodexol Ultra Drive 80W/90; planetary: 6.7 ltr, Lodexol Ultra Drive 80W/90
 e. Alternative recommendations, Engine: <-12°C, 5W-20; -12°C to 32°C, 10W-30; 0°C to 32°C, 20W; >24°C, 30
 f. 10/75 ... 11/111
 g. Also recommended: Super Farm Universal 10W/30
- General Notes
 1. Use only Ring Free XHD 20 oil in all Mercedes engines during first 200 hours operation
 2. All other gearboxes, chains and chain drives: Lodexol Ultra Drive 80W/90

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Combines & Balers

PELLENC

Make/Model	Engine	Transmission	Hydraulics	
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PELLENC

3070 (Grape Harvesters)	D	Ring Free XHD 15W/40 b	6	From Hydraulics	-	Liquimatic HV46	150
3080, 3090, 3100, 3125, 3140, 3200 (Grape Harvesters)	DT	Ring Free XHD 15W/40 b	6	From Hydraulics	-	Liquimatic HV46	150
3125 (Grape Harvesters)	DT	Ring Free XHD 15W/40 b	6	From Hydraulics	-	Liquimatic HV46	150
3140, 3200 (Grape Harvesters)	DT	Ring Free XHD 15W/40 b	6	From Hydraulics	-	Liquimatic HV46	150
3300, 3400 (Grape Harvesters)	DT	Ring Free XHD 15W/40 b	6	From Hydraulics	-	Liquimatic HV46	150

- a. *Where contact with grapes is possible: K968*
 b. *Engine, severe duty: Ring Free XHD Plus 15W/40*

RECO GALLIGNANI

2200, 2500, 3200 Round Baler	1992-	-	Lodexol 80W/90	1.3
G1690, G2690 E, G3690 S Baler	1986-	-	Lodexol 220	3
G5690, -S, G5690 E Baler	1986-	-	Lodexol 220	2
G6190, G7190 Baler	1986-	-	Lodexol 220	2
G8190 E Baler	1986-	-	Lodexol 220	4.5
G9220, G9250, -S, -SL Round Baler	1986-	-	Lodexol 80W/90	1.3
G9520, G9550 Round Baler	1986-	-	Lodexol 80W/90	1.3
R52 Round Baler	1991-	-	Lodexol 80W/90	1.3

SAMPO ROSENLEW

SR 2010 (Combines)	1993-	D / DT	Super Farm Universal 10W/30 ab	6.8	EP 80W/90 c	3.5	Liquimatic HV46	25
SR 2050 (Valmet 420 DSL) (Combines)	1993-	DT	Super Farm Universal 10W/30	10	Lodexol 80W/90	4	Super Farm Universal 10W/30	12
SR 2035, SR 2045 (Combines)	1990-	D	Super Farm Universal 10W/30	14/26 g	EP 80W/90 c	3/3.5 h	Liquimatic HV46 d	14
SR 2035, SR 2045 (Combines)	1990-	DT	Super Farm Universal 10W/30	14/26 g	EP 80W/90 c	3/3.5 h	Liquimatic HV46 d	14
SR 2055 (Valmet 620 DL) (Combines)	1993-	D	Super Farm Universal 10W/30	15	Lodexol 80W/90	4	Super Farm Universal 10W/30	12
SR 2060 (Valmet 620 DSL) (Combines)	1993-	DT	Super Farm Universal 10W/30	15	Lodexol 80W/90	4	Super Farm Universal 10W/30	12
SR 2065, SR 2075, SR 2085 (Combines)	1990-	D	Super Farm Universal 10W/30	14/26 g	EP 80W/90 c	3/3.5 h	Liquimatic HV46 d	14
SR 2065, SR 2075, SR 2085 (Combines)	1990-	DT	Super Farm Universal 10W/30	14/26 g	EP 80W/90 c	3/3.5 h	Liquimatic HV46 d	14
SR 3035, SR 3045, SR 3065, SR 3085 (Combines)	2001-	D / DT	Super Farm Universal 10W/30	26	EP 80W/90 c	7	Liquimatic HV46 d	25

- a. *Alternative recommendations: CD-2 10W-30*
 b. *Alternative recommendations, Engine: 10°C to 45°C, Ring Free XHD 15W-40*
 c. *Alternative recommendations, Gears (oil): -10°C to 30°C, EP 80W-90; 10°C to 45°C, EP 85W-140*
 d. *Alternative recommendations, Hydraulics: 10°C to 45°C, Liquimatic HV 68*
 e. *Alternative recommendations: -10°C to 30°C, 10W-30; 10°C to 40°C, 15W-40*
 f. *Capacity unquoted:*
 g. *4 cylinder/6 cylinder*
 h. *Mechanical/hydraulic*
 i. *Left, 6 ltr; right, 5.5 ltr*

URSUS

Bizon Z043 (SW400/R3 engine) (Combines)	1981-	D	Super Farm Universal 10W/30 a	13	Lodexol 80W/90 b	23	Triad 32	54
Bizon Z050, Z056 (SW400/R3 engine) (Combines)	1977-	D	Super Farm Universal 10W/30 a	13	Lodexol 80W/90 b	20	Triad 32	37
Bizon Z058 (CT107/R4 engine) (Combines)	1981-	DT	Super Farm Universal 10W/30	17	Lodexol 80W/90 b	6.5	Triad 32	65
Bizon Z060 (Ursus engine) (Combines)	1981-	D	Super Farm Universal 10W/30 a	30	Lodexol 80W/90 b	7.5	Triad 32	90

- a. *Also recommended: Magnol STOU 15W/30*
 b. *Also recommended: Super Farm Universal 10W/30*

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Combines & Balers

VERMEER

Make/Model	Engine	Transmission	Hydraulics	
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VERMEER

504I, 504IS Round Baler	1988-	-	EP 80W/90	a
604J, -K, 605J Round Baler	1988-	-	EP 80W/90	a

- a. Capacity unquoted. Fill to level plug
 b. From tractor hydraulics

WELGER

AP63, AP630 Baler	1981-	-	Lodexol 80W/90	3.5		
AP73, AP730, AP83, AP830 Baler	1982-	-	Lodexol 80W/90	4		
AP500, AP530 Baler	1988-	-	Lodexol 80W/90	1.1		
D2500 Baler	1989-	-	Lodexol 80W/90	1.1		
D4000	1992-	-	a	32	Triad 46	11
D6000	1993-	-	a	32	Triad 46	11
Delta 5000 Big Baler	1988-	-	Lodexol 80W/90	4	Triad 46	11
RP120, RP200 Round Baler	1992-	-	Lodexol 80W/90	1.3		
RP165 Round Baler	1989-	-	Lodexol 80W/90	1.3		
RP400 Round Baler	1993-	-	Lodexol 80W/90	3.5		

- a. Sole recommendation: Lodexol PG 460

Crawler Tractors

CASE

Make/Model	Engine	Transmission	Hydraulics	
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CASE

275, 275 AccuSteer (Steiger STX)	DT	Ring Free XHD Plus 15W/40	23.8	Liquimatic HY	51.1-49.2 b	From Transm	-
325, 325 AccuSteer (Steiger STX)	DT	Ring Free XHD Plus 15W/40	27.6	Liquimatic HY	51.1-49.2 b	From Transm	-
9370, 9380 (Quadtrac)	DT	Ring Free XHD 15W/40	38.6	Liquimatic HY	37.8-39.7	Liquimatic HY	250
375, 440 (Quadtrac STX) 2000-	DT	Ring Free XHD Plus 15W/40	49.2	Liquimatic HY	76/49.2 b	Liquimatic HY	397
Quadtrac STX 450, 425	DT	Ring Free XHD Plus 15W/40	49.2	Liquimatic HY	51.1/49.2 b	Liquimatic HY	132/303 c
Quadtrac 500 (Quadtrac STX) 2005-	DT	Ring Free XHD Plus 15W/40	49.2	Liquimatic HY	51.1/49.2 b	Liquimatic HY	132/303 c

- a. Capacity unquoted:
 b. With/without PTO
 c. Reservoir/Complete System

CATERPILLAR

Challenger 35, 45	1994-	DT	Ring Free XHD Plus 15W/40 np	28	From Hydraulics	-	Liquimatic JDF	124
Challenger 55	1994-	D / DT	Ring Free XHD Plus 15W/40 np	33	From Hydraulics	-	Liquimatic JDF	124
Challenger 65	1988-	DT	Ring Free XHD Plus 15W/40 np	26	Liquimatic CT30	67	Ring Free XHD 10W q	61
Challenger 65D	1996-97	D / DT	Ring Free XHD Plus 15W/40 np	26	Liquimatic CT30	57	Ring Free XHD 10W q	110
Challenger 65E, 75E	1998-	D / DT	Ring Free XHD Plus 15W/40 np	30	Liquimatic CT30	57	Liquimatic JDF b	110/121 c
Challenger 75D, 85D	1996-97	D / DT	Ring Free XHD Plus 15W/40 np	34	Liquimatic CT30	57	Ring Free XHD 10W q	121
Challenger 85E, 95E	1998-	D / DT	Ring Free XHD Plus 15W/40 np	30	Liquimatic CT30	57	Liquimatic JDF b	110
D4E SA VHP	1984-	DT	Ring Free XHD Plus 15W/40 np	19	Liquimatic CT30 a	9 a	Ring Free XHD 10W q	22
D6D	1980-	DT	Ring Free XHD Plus 15W/40 np	27.5	Liquimatic CT30	98	Ring Free XHD 10W q	23/42
D6D SA VHP	1983-	DT	Ring Free XHD Plus 15W/40 np	27.5	Liquimatic CT30	92	Ring Free XHD 10W q	42

- a. With steering booster: 68 ltr
 b. Alternative recommendations: Ring Free XHD 10W
 c. Hydraulic tank/hydraulic tank with 3 point hitch
 d. Alternative recommendations, Final Drives (each): -40°C to 0°C, 0W-20; -40°C to 10°C, 0W-30; -30°C to 10°C, 5W-30; -30°C to 0°C, 10W; -25°C to 25°C, 30; -15°C to 50°C, 50; -10°C to 50°C, 60
 e. Factory fill viscosity: 50
 f. Capacity unquoted:
 g. Factory fill viscosity: 30
 k. Steering hydraulic tank/implement hydraulic tank
 n. Caterpillar list API CH-4 and API CI-4 as preferred oils and API CG-4 as an acceptable alternative. These oils must meet Caterpillar's ECF-1 specification to avoid reduced engine life. API CF-4 should not be used in Caterpillar diesel engines
 p. Alternative recommendations, Engine: -20°C to 40°C, Ring Free XC 10W-30
 q. Alternative recommendations, Hydraulics/hydrostatic system: Superfarm Universal 10W-30

General Notes

- If TF CAT TO4 oils are unavailable, use CD/CE engine oils with TF CAT TO2 qualification
- Alternative hydraulic/hydrostatic system recommendations (except Challenger 35 and 45): CF-4 SG, CE, CE+SG or CC+SF engine oils, TF CAT TO4 transmission oils or HM 46 hydraulic oils. Liquimatic SB 46, a biodegradable oil, is also recommended for restricted applications.
- For extensive use below 10°C, 10W should replace 30 in transmissions and final drives
- Superfarm Universal 10W/30/Liquimatic JDF/Ring Free XHD 10, 20, 30 or 40 should not be used where CAT TO4 is recommended
- STOU not approved for any application. Multigrade oils are not approved for power shift transmissions and final drives except for Challenger 35 and 45.

CHALLENGER

MT735, MT745, MT755, MT765	2002-	DT	Ring Free XC 10W/30 ab	30	From Hydraulics	-	Liquimatic JDF	182
MT835, MT845	2002-	DT	Ring Free XC 10W/30 ab	30	From Hydraulics	-	Liquimatic JDF	246
MT855, MT865	2002-	DT	Ring Free XC 10W/30 ab	34	From Hydraulics	-	Liquimatic JDF	246

- a. Alternative recommendations, Engine: -20°C to 40°C, Ring Free XC 10W-30; -15°C to 50°C, Ring Free VS Plus 15W-40
 b. If the engine oil viscosity is changed, see the Operation and Maintenance Manual 'engine oil and filter change' for information on the oil detection plug

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Crawler Tractors

CLAAS

Make/Model	Engine	Transmission	Hydraulics	
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CLAAS

Challenger 35, 45	1997-	D / DT Ring Free XHD 15W/40 c	28	From Hydraulics	-	Liquimatic JDF	124
Challenger 55	1997-	D / DT Ring Free XHD 15W/40 c	33	From Hydraulics	-	Liquimatic JDF	124
Challenger 65E, 75E	1998-	D / DT Ring Free XHD 15W/40 c	30	Liquimatic CT30	57	Liquimatic JDF a	110/121 b
Challenger 85E, 95E	1998-	D / DT Ring Free XHD 15W/40 c	30	Liquimatic CT30	57	Liquimatic JDF a	110

- a. *Alternative recommendations: CD 10W*
 b. *Hydraulic tank/hydraulic tank with 3 point hitch*
 c. *Alternative recommendations, Engine: -20°C to 40°C, Superfarm Universal 10W-30; -15°C to 50°C, Ring Free XHD 15W-40*

FIAT-ALLIS

H3, HD3 (Crawler Tractors)	ALL	Ring Free XHD 15W/40 b	a	Liquimatic JDF	a	Ring Free XHD 10W	a
H4, HD4 (Crawler Tractors)	ALL	Ring Free XHD 15W/40 b	a	EP 80W/90	a	Ring Free XHD 10W	a
HD6, HD11, HD16, HD21 (Crawler Tractors)	ALL	Ring Free XHD 15W/40 b	a	AG90 f	a	Ring Free XHD 10W	a

- a. *Capacity unquoted:*
 b. *Alternative recommendations, Engine, Allis-Chalmers: -18°C to 35°C, Ring Free XHD 15W-40*
 c. *Fluid must meet Allison C3 & CAT TO-2*
 d. *Alternative recommendations: >0°C, 30; <0°C, 10W*
 e. *Alternative recommendations, Gear oils: >0°C, EP 80W-90; >0°C, EP 90; <0°C, EP 80W-90*
 f. *Alternative recommendations, Gear oils: >0°C, AG90; <0°C, Lodexol SS 80W*

JOHN DEERE

8100T	1997-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8110T	1999-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8120T	2001-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8200T	1997-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8210T	1999-	DT	Ring Free XHD 15W/40	23.5	Liquimatic JDF	246	From Transm	-
8220T	2001-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8300T	1997-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8310T	1999-	DT	Ring Free XHD 15W/40	25	Liquimatic JDF	246	From Transm	-
8320T	2001-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8400T	1997-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8410T	1999-	DT	Ring Free XHD 15W/40	27	Liquimatic JDF	246	From Transm	-
8420T	2001-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
8520T	2001-	DT	Ring Free XHD 15W/40	21.5	Liquimatic JDF	246	From Transm	-
9300T	2000-	DT	Ring Free XHD 15W/40	42	Liquimatic JDF	64-68	Liquimatic JDF	87-89
9320T	2001-	DT	Ring Free XHD 15W/40	42	Liquimatic JDF	230	Liquimatic JDF	106
9400T	2000-	DT	Ring Free XHD 15W/40	42	Liquimatic JDF	64-68	Liquimatic JDF	87-89
9420T	2001-	DT	Ring Free XHD 15W/40	42	Liquimatic JDF	230	Liquimatic JDF	106
9520T	2001-	DT	Ring Free XHD 15W/40	42	Liquimatic JDF	230	Liquimatic JDF	106
8230T, 8330T, 8430T (8030 Series)	2005-	DT	Ring Free VS Plus 15W/40 bd	24/25.5	From Hydraulics	-	Liquimatic JDF a	246

- a. *Alternative recommendations, Hydraulics: -25°C to 50°C, WB JHD 20C; -40°C to 30°C, WB JHD 20D*
 b. *Engine oil specification and change interval alternatives: Fuel sulfur; 1000-5000 ppm using standard oil and filter 250 hours, using premium oil and JD filter 375 hours. Fuel sulfur; 5000-10000 ppm using standard oil and filter 150 hours, using premium oil and JD filter 250 hours. Premium oil = Ring Free Ultra 10W/40*
 c. *Fill to oil fill plug*
 d. *Alternative recommendations, Engine: -20°C to 50°C, 15W-40; -25°C to 50°C, 10W-40; -25°C to 40°C, 10W-30; -40°C to 50°C, 0W-40; -30°C to 40°C, 5W-30*

LANDINI

60, 70 (Trekker)		D / DT	Ring Free XHD 15W/40 a	10.0	Liquimatic JDF	35.0	From Gearbox	-
70, 80, 90, 100 (Trekker C Series)		D / DT	Ring Free XHD 15W/40 b	7.0	Liquimatic JDF	35.0	From Gearbox	-
70, 80, 90, 100 (Trekker CF-CFL Series)		D / DT	Ring Free XHD 15W/40 b	7.0	Liquimatic JDF	35.0	From Gearbox	-
75, 85, 95, 105 (Trekker C Series)		D / DT	Ring Free XHD 15W/40 b	7.0	Liquimatic JDF	35.0	From Gearbox	-
75, 85, 95, 105 (Trekker CF-M Series)		D / DT	Ring Free XHD 15W/40 b	7.0	Liquimatic JDF	35.0	From Gearbox	-
55C-CF (Trekker)	1991-	D	Ring Free XHD 15W/40 c	7	Liquimatic JDF	15	From Transm	-
60C-CF (Trekker)	1991-	DT	Ring Free XHD 15W/40 c	7	Liquimatic JDF	15	From Transm	-
75C-CF (Trekker)	1991-	D	Ring Free XHD 15W/40 c	7	Liquimatic JDF	35	From Transm	-
85C-CF (Trekker)	1991-	D	Ring Free XHD 15W/40 c	7	Liquimatic JDF	35	From Transm	-
95C-CF (Trekker)	1991-	DT	Ring Free XHD 15W/40 c	7	Liquimatic JDF	35	From Transm	-
CF75, CM75 (New Trekker)		D / DT	Ring Free XHD 15W/40	7.0	Liquimatic JDF	35.0	From Transm	-
CF85, CM85 (New Trekker)		D / DT	Ring Free XHD 15W/40	7.0	Liquimatic JDF	35.0	From Transm	-

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Crawler Tractors

LANDINI

Make/Model	Engine	Transmission	Hydraulics	
CF95, CM95 (New Trekker)	D / DT Ring Free XHD 15W/40	7.0	Liquimatic JDF	35.0 From Transm -
CF105, CM105 (New Trekker)	D / DT Ring Free XHD 15W/40	7.0	Liquimatic JDF	35.0 From Transm -
C85, C95, C105 (New Trekker)	D / DT Ring Free XHD 15W/40	7.0	Liquimatic JDF	35.0 From Transm -
60CF (Compact)	D / DT Ring Free XHD 15W/40	10.0	Liquimatic JDF	14.0 From Transm -
60CFS (Compact)	D / DT Ring Free XHD 15W/40	10.0	Liquimatic JDF	14.0 From Transm -
70CF (Compact)	D / DT Ring Free XHD 15W/40	10.0	Liquimatic JDF	14.0 From Transm -
70CFS (Compact)	D / DT Ring Free XHD 15W/40	10.0	Liquimatic JDF	14.0 From Transm -
C4500, C4830, CF4830, CF5030 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	6.8	Liquimatic JDF	14.0 From Transm -
C5500, C5830, CF5830, CF6030, CH6060 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	6.8	Liquimatic JDF	14.0 From Transm -
C6500 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	7.0	Liquimatic JDF	15.0 From Transm -
C6830, CF6830 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	9.1	Liquimatic JDF	14.0 From Transm -
C7800, C7830, C8860 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	9.1	Liquimatic JDF	14.0 From Transm -
C11500 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	18.0	Liquimatic JDF	60.0 From Transm -
C13500 (Mechanical Crawlers)	D / DT Ring Free XHD 15W/40	18.0	Liquimatic JDF	25.0 From Transm -

- a. Alternative recommendations, Engine: >27°C, 30
 b. Alternative recommendations, Engine: <0°C, 20W-20; >27°C, 30
 c. Alternative recommendations, Engine: 15W-40; <0°C, 10W; 0°C to 27°C, 20W; >27°C, 30

NEW HOLLAND (FIATAGRI)

55-85, 60-85, 62-85	1993-	D	Ring Free XHD 15W/40	7.3	Liquimatic JDF	33.3	From Transm	-
55-85V, 55-85F, 55-85M, 60-85V, 60-85F, 60-85FR	1992-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	33.3	From Transm	-
62-85FD	1992-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	39	From Transm	-
72-85, 82-85, 88-85T	1993-	D / DT	Ring Free XHD 15W/40	10.5	Liquimatic JDF	33.3	From Transm	-
80-75C	1991-	D	Ring Free XHD 15W/40	10.5	Liquimatic JDF	33	From Transm	-
100-55	1994-	D	Ring Free XHD 15W/40	13.7	EP 80W/90	30	Liquimatic JDF	29
TK65V, TK65F, TK75V, TK75F, TK75M	1999-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	33.3	From Transm	-
TK76, TK76M, TK85	1999-	D / DT	Ring Free XHD 15W/40	11.2	Liquimatic JDF	39	From Transm	-
TK85M, TK95M	1999-	D / DT	Ring Free XHD 15W/40	11.2	Liquimatic JDF	39	From Transm	-

SAME LAMBORGHINI-LAMBORGHINI

674-70, 774-80, 874-90 turbo (C Ergomatic)	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
555 Normale Largo Stretto, 560 Normale Largo Stretto, 560 Superstretto (Grimper)	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	35	From Transm	-
570 Normale Largo Stretto (Grimper)	D / DT	Ring Free XHD 15W/40	11	Liquimatic JDF	35	From Transm	-
80, 90, 100 (Triumph)	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-

SAME LAMBORGHINI-SAME

Explorer 70C	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
Explorer 70C Montagna	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
Explorer 80C	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
Explorer 80C Heavy Duty	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
Explorer 90C Ergomatic	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
Krypton 80, 90, 100	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Transm	-
F78, F88, F98 (Krypton F Series)	DT	Ring Free XHD 15W/40	12	Liquimatic JDF	35	From Gearbox	-
Rock 55 Normale Montagna	D / DT	Ring Free XHD 15W/40	8.5	Liquimatic JDF	35	From Transm	-
Rock 60 Normale Montagna	D / DT	Ring Free XHD 15W/40	8.5	Liquimatic JDF	35	From Transm	-
Rock 60 Super Compatto	D / DT	Ring Free XHD 15W/40	8.5	Liquimatic JDF	35	From Transm	-
Rock 70 Normale Montagna	D / DT	Ring Free XHD 15W/40	8.5	Liquimatic JDF	35	From Transm	-
Solar 55C Compact	D / DT	Ring Free XHD 15W/40	11.8	Liquimatic JDF	24	From Transm	-
Solar 55C Compact Ergomatic	D / DT	Ring Free XHD 15W/40	11.8	Liquimatic JDF	24	From Transm	-

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Crawler Tractors

SAME LAMBORGHINI-SAME

Make/Model	Engine	Transmission	Hydraulics	
Solar 55C Ergomatic	D / DT Ring Free XHD 15W/40 11.8	Liquimatic JDF 24	From Transm -	
Solar 55C Montagna Heavy Duty	D / DT Ring Free XHD 15W/40 11.8	Liquimatic JDF 24	From Transm -	
Solar 60C Ergomatic	D / DT Ring Free XHD 15W/40 11.8	Liquimatic JDF 24	From Transm -	
Solar 60C Montagna Heavy Duty	D / DT Ring Free XHD 15W/40 11.8	Liquimatic JDF 24	From Transm -	

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Harvesters

CATERPILLAR

Make/Model							
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CATERPILLAR

550, 570	D / DT	Super Farm Universal 10W/30 ab	30	From Hydraulics	-	Super Farm Universal 10W/30 c	130
580	D / DT	Super Farm Universal 10W/30 ab	30	From Hydraulics	-	Super Farm Universal 10W/30 c	130

- a. *Caterpillar list API CH-4 and API CI-4 as preferred oils and API CG-4 as an acceptable alternative. These oils must meet Caterpillar's ECF-1 specification to avoid reduced engine life.*
- b. *Viscosity options: -20°C to 40°C, Superfarm Universal 10W-30; -15°C to 50°C, Ring Free XHD 15W-40*
- c. *Viscosity options: -20°C to 40°C, Superfarm Universal 10W-30 or Liquimatic JDF*

CLAAS

Jaguar 682S, -SL (Mercedes OM441A)	DT	Ring Free XHD 15W/40	15	Lodexol 80W/90	6.8	Liquimatic HV46	6
Jaguar 682S, -SL (Perkins TV 8.540)	DT	Ring Free XHD 15W/40	17.5	Lodexol 80W/90	6.8	Liquimatic HV46	6
Jaguar 685, 690, 695 (Mercedes OM421A)	DT	Ring Free XHD 15W/40	18.5	EP 80W/90	8	Liquimatic HV46	6
Jaguar 685, 690, 695 (Mercedes OM422A)	DT	Ring Free XHD 15W/40	25.5	EP 80W/90	8	Liquimatic HV46	6
Jaguar 685, 690, 695 (Mercedes OM442A)	DT	Ring Free XHD 15W/40	27.5	EP 80W/90	8	Liquimatic HV46	6
Jaguar 800 (Mercedes OM441A)	DT	Ring Free XHD 15W/40	15	Lodexol 80W/90	6.8	Liquimatic HV46	6
8500 (Jaguar)	2005-	DT Ring Free Ultra 10W/40	15.5	Lodexol 80W/90	6.8	Liquimatic HV46	16.0
Jaguar 800 (Perkins TV 8.540)	DT	Ring Free XHD 15W/40	17.5	Lodexol 80W/90	6.8	Liquimatic HV46	6
Jaguar 820, 840, 864, 880 (Mercedes OM402LA)	DT	Ring Free XHD 15W/40	27.5	Lodexol 80W/90	6.8	Liquimatic HV46	16
Jaguar 820, 840, 864, 880 (Mercedes OM441LA)	DT	Ring Free XHD 15W/40	15.5	Lodexol 80W/90	6.8	Liquimatic HV46	16
Jaguar 820, 840, 860, 864, 880 (Mercedes OM442LA)	DT	Ring Free Ultra 10W/40	27.5	Lodexol 80W/90	6.8	Liquimatic HV46	16
Jaguar 830, 850, 870, 890, 900 (Daimler Chrysler OM502LA)	DT	Ring Free Ultra 10W/40	38	Lodexol 80W/90	9	Liquimatic HV46	16
Jaguar 830, 850, 870, 890, 900 (Daimler Chrysler OM457LA)	DT	Ring Free Ultra 10W/40	36	Lodexol 80W/90	9	Liquimatic HV46	16
8550, 8700 (Jaguar)	2005-	DT Ring Free Ultra 10W/40	36.0	Lodexol 80W/90	9.0	Liquimatic HV46	16.0

FARWICK

Genius (Compost Maker/Mobile Sifter)	DT	Ring Free XHD Plus 15W/40	-	-	-	Liquimatic HV46 a	60.0
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- a. *Alternative recommendations: HY HEES 46*

FIATAGRI

Braud 2420, Braud 2620 (Grape Harvesters)	D / DT	Ring Free XHD 15W/40 a	7.5	-	-	Liquimatic HV46	150
Braud 2720 (Grape Harvesters)	D / DT	Ring Free XHD 15W/40 a	7.5	-	-	Liquimatic HV46	150

- a. *Alternative recommendations, Engine: -20°C to 0°C, 10W; -10°C to 10°C, 20W; 0°C to 35°C, 30; 10°C to 50°C, 40; -20°C to 20°C, 10W-30; -15°C to 50°C, 15W-40*

GREGOIRE

G122, G170 (Grape Harvester - New World Series)	D / DT	Ring Free XHD Plus 15W/40	14.0/21.0	-	-	Triad 46	165.0/230.0
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Harvesters

JOHN DEERE

Make/Model							
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JOHN DEERE

5200	DT	Super Farm Universal 10W/30 g	16.1	Liquimatic JDF	10.4	Super Farm Universal 10W/30	11.4/19 i
5400	DT	Super Farm Universal 10W/30 g	24.6	Liquimatic JDF	10.4	Super Farm Universal 10W/30	11.4/19 i
5420	DT	Ring Free XHDS 10W/40 h	17	EP 80W/90	6.6	Liquimatic 33G	46/50 i
5440	DT	Ring Free XHDS 10W/40 h	16	EP 80W/90	6.6	Liquimatic 33G	46/50 i
5460	DT	Ring Free XHDS 10W/40 h	23	Liquimatic JDF	10	Liquimatic 33G	46/50 i
5720	DT	Ring Free XHD 15W/40 j	19	Ring Free XHD 10W	10.5	Liquimatic JDF m	41.5
5730	DT	Ring Free XHD 15W/40 j	19	EP 80W/90	10	Liquimatic JDF m	42
5820	DT	Ring Free XHD 15W/40 j	25	Ring Free XHD 10W	10.5	Liquimatic JDF m	41.5
5830	DT	Ring Free XHD 15W/40 j	23	EP 80W/90	10	Liquimatic JDF m	42
6650	1998- DT	Ring Free XHD 15W/40 j	28.5	EP 80W/90	7	Liquimatic JDF m	46
6750	1998- DT	Ring Free XHD 15W/40 j	42	EP 80W/90	7	Liquimatic JDF m	46
6850	1998- DT	Ring Free XHD 15W/40 j	42	EP 80W/90	7	Liquimatic JDF m	46
6950	1998- DT	Ring Free XHD 15W/40 j	41.7	EP 80W/90	7	Liquimatic JDF m	46
7200	2003- DT	Ring Free XHD 15W/40 d	28.5	EP 80W/90 f	7	Liquimatic JDF m	90
7300	2003- DT	Ring Free XHD 15W/40 d	42	EP 80W/90 f	7	Liquimatic JDF m	90
7400, 7500	2003- DT	Ring Free XHD 15W/40 d	42	EP 80W/90 f	7	Liquimatic JDF m	90
7700	2003- DT	Ring Free XHD 15W/40 d	42	EP 80W/90 f	7	Liquimatic JDF m	90
7800	2003- DT	Ring Free XHD 15W/40 d	45	EP 80W/90 f	7	Liquimatic JDF m	90
3765 Towed				EP 80W/90	3.8		
131 (Mowers)				EP 80W/90	2.5		
228A Front (Mowers)	-			EP85W/140	2		
324 Mounted (Mowers)	-			EP85W/140	1.7		
324 Mounted (from 2001) (Mowers)	-			EP 80W/90	2.3		
328 Mounted (Mowers)	-			EP85W/140	2		
328 Mounted (from 2001) (Mowers)	-			EP 80W/90	2.3		
331 (Mowers)	-			EP 80W/90	2.3		
946 Trailed (Mowers)	-			Liquimatic JDF	8.5		
956 Trailed (Mowers)	-			Liquimatic JDF	9.5		
1355 Trailed (Mowers)	-			EP85W/140	2		
1360 Trailing Mower (Mowers)	-			EP85W/140 a	5		
1365 Trailed (Mowers)	-			EP85W/140	-		
6610 (Mowers)	D / DT	Ring Free XHD 15W/40 j	28.5	EP 80W/90	9.5	Liquimatic JDF m	46
6710 (Mowers)	D / DT	Ring Free XHD 15W/40 j	35.5	EP 80W/90	9.5	Liquimatic JDF m	46
6810, 6910 (Mowers)	D / DT	Ring Free XHD 15W/40 j	42	EP 80W/90	9.5	Liquimatic JDF m	46
a.	Cutter bar gearbox: 2 ltr max. capacity dry fill - critical to prevent hydraulic locking, EP85W/140						
b.	Add 15 ltr for rear axle motor						
c.	2WD/4WD						
d.	Alternative recommendations, Engine: -15°C to 50°C, 15W-40; -20°C to 50°C, 10W-40; -30°C to 40°C, 5W-30; -40°C to 50°C, 5W-40; 0°C to 40°C, 30						
e.	4-speed/IVLOC						
f.	Alternative recommendations, Transmission: -10°C to 50°C, EP 85W-140; -25°C to 40°C, EP 80W-90; -40°C to 40°C, Lodexol SS 75W-90; -10°C to 40°C, EP 90; 0°C to 50°C, EP 140						
g.	Alternative recommendations, Engine: >0°C, 30; -23°C to 0°C, 10W-20/10W-30; <-23°C, 5W-20						
h.	Alternative recommendations, Engine: -20°C to 10°C, 10W-20; -10°C to 20°C, 20W-30; -10°C to 30°C, 20W-40; -15°C to 30°C, 15W-40; -20°C to 20°C, 10W-30						
i.	Without/with hydraulic coupling						
j.	Alternative recommendations, Engine: -55°C to -10°C, Arctic oil; -30°C to -5°C, 5W-20; -20°C to 10°C, 10W; 0°C to 40°C, 30; 20°C to 50°C, 40; -20°C to 10°C, 10W-20; -15°C to 30°C, 15W-30; -15°C to 40°C, 15W-40; 5°C to 40°C, 20W-40						
k.	Alternative recommendations, Gears (oil): -55°C to 10°C, Arctic oil; -35°C to 0°C, 75W; -20°C to 20°C, 80W; -10°C to 40°C, 90; 0°C to 50°C, 140; -20°C to 35°C, 80W-90; -20°C to 40°C, 80W-140; -10°C to 40°C, 85W-90; -10°C to 50°C, 85W-140						
m.	Alternative recommendations, Hydraulics: Refer to Main Dealer						
n.	Alternative recommendations, Grease Points: -30°C to 20°C, K40EP; -20°C to 30°C, 1; -10°C to 50°C, K42EP						

KRONE

Big X V8	DT	Ring Free Ultra 10W/40	a	From Hydraulics	-	Triad 46	150
Big X V12	DT	Ring Free Ultra 10W/40	a	From Hydraulics	-	Triad 46	150

- a. Capacity unquoted:
 b. Gear oil PGLP DIN 51502. Viscosity unspecified.

For further information please contact our technical support on 01743 232200

Harvesters

KUHN

Make/Model				
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KUHN

Alterna 400, 500 (Mower Conditioners)	-	EP75W/80W	a	-
FC202, FC202R (Mower Conditioners)	-	EP75W/80W	a	-
FC243, FC243R, FC283, FC313 (Mower Conditioners)	-	EP75W/80W	a	-
FC250MN/G, FC302MN/G, FC352MN/G (Mower Conditioners)	-	EP75W/80W	a	-
FC280F, FC313F Lift Control (Mower Conditioners)	-	EP75W/80W	a	-
FC303GC, FC303YGC, FC303RGC, FC353GC, FC353RGC (Mower Conditioners)	-	EP75W/80W	a	-
FC303GL, FC303YGL, FC303RGL (Mower Conditioners)	-	EP75W/80W	a	-
GMD400, GMD500, GMD600GII, GMD700GII, GMD800GII (Rotary Disc Mowers)	-	EP75W/80W	a	-
GMD602F, GMD702F, GMD802F (Rotary Disc Mowers)	-	EP75W/80W	a	-
GMD602 Lift Control, GMD702 Lift Control (Rotary Disc Mowers)	-	EP75W/80W	a	-
GMD Select 44, 55, 66 (Rotary Disc Mowers)	-	EP75W/80W	a	-

a. Capacity unquoted:

MOREAU

Cetra (Harvesters)	DT	Ring Free XHD 15W/40	25	-	-	Liquimatic HV46	250
GR4000/2, GR5005/2 (Harvesters)	DT	Ring Free XHD 15W/40	25	-	-	Liquimatic HV46	250
Lectra 4005, Lectra 4005 S (Harvesters)	DT	Ring Free XHD 15W/40	40	-	-	Liquimatic HV46	250
Lectra V2 (Harvesters)	DT	Ring Free XHD 15W/40	37	-	-	Liquimatic HV46	250
Suptra 9.12 (Harvesters)	DT	Ring Free XHD 15W/40	38	-	-	Liquimatic HV46	250
Voltra V2 (Harvesters)	DT	Ring Free XHD 15W/40	38	-	-	Liquimatic HV46	250

NEW HOLLAND (BRAUD)

SB36, SB56, SB58 (SB Series Grape Harvesters)	D / DT	Ring Free XHD 15W/40	11/17	From Hydraulics	-	Liquimatic HV46 a	65
SB60, SB62, SB64 (SB Series Grape Harvesters)	D / DT	Ring Free XHD 15W/40	11/17	From Hydraulics	-	Liquimatic HV46 a	65
VM460 (VM Series Grape Harvesters)	DT	Ring Free VS Plus 15W/40	9.5	From Hydraulics	-	Triad 68	65
VL610, VL 620, (VL Series Grape Harvesters)	DT	Ring Free VS Plus 15W/40	16	From Hydraulics	-	Triad 68	65
VL630, VL 640 (VL Series Grape Harvesters)	DT	Ring Free VS Plus 15W/40	16	From Hydraulics	-	Triad 68	65
VL660 (VL Series Grape Harvesters)	DT	Ring Free VS Plus 15W/40	16	From Hydraulics	-	Triad 68	65

a. Hydraulic reservoirs filled with Liquimatic SB 46 should be marked with a sticker on the tank

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Harvesters

NEW HOLLAND (FORD)

Make/Model							
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NEW HOLLAND (FORD)

525, 550 (Towed)			-	EP 80W/90	0.8		
1900, 1900S, 1905, 2205, 2305, 2405, 2305 CP, 2405 CP	DT	Ring Free XHD 15W/40	b	Liquimatic HV46	47/53 a	Liquimatic HV46	18
9630, 9640, 9645	DT	Ring Free XHD 15W/40	23	EP 80W/90	15	Liquimatic HV46	38
FX 28, 38, 48, 58	1998- DT	Ring Free XHD 15W/40	23/34	Liquimatic HV46	c	Liquimatic HV46	d
FX 30, FX 40, FX 50, FX 60	2003- DT	Ring Free XHD 15W/40	23/34	Liquimatic HV46	c	Liquimatic HV46	d
FX 300	DT	Ring Free XHD 15W/40	23	Liquimatic HV46	18	Liquimatic HV46	20
FX 375	DT	Ring Free XHD 15W/40	23	Liquimatic HV46	18	Liquimatic HV46	20
FX 450	DT	Ring Free XHD 15W/40	23	Liquimatic HV46	18	Liquimatic HV46	20
SB36, SB56, SB58, SB60, SB62, SB64 (Grape Harvesters)	D / DT	Ring Free XHD 15W/40	11-17	From Hydraulics	-	Liquimatic HV46	65

a. 2WD/4WD

b. Capacity unquoted:

c. Main hydraulic/hydrostatic system: reservoir, 38 ltr; system, 93 ltr

d. High capacity rear hydraulics: Reservoir, 70 ltr; system, 77 ltr. Main hydraulic clutch: Reservoir, 7 ltr; system 10 ltr

Wheeled Tractors

ALLIS-CHALMERS

Make/Model	Engine	Transmission	Hydraulics	
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ALLIS-CHALMERS

I-40, I-400	ALL	Ring Free XHD 15W/40 a b	Super Farm Universal 10W/30	b	Super Farm Universal 10W/30	b
I-60, I-600, 615, 190 Beachmaster	ALL	Ring Free XHD 15W/40 a b	Liquimatic JDF	b	Liquimatic JDF	b

a. *Alternative recommendations, Engine: -18°C to >35°C, 15W-40; -18°C to 35°C, Superfarm Universal 10W-30*
 b. *Capacity unquoted:*

BELARUS

252	1993-	D	Super Farm Universal 10W/30 de	7	Lodexol 80W/90	14	Super Farm Universal 10W/30	10.6
310, 320	1997-	D	Super Farm Universal 10W/30 de	3.6	EP 80W/90 c	3.8	Super Farm Universal 10W/30	8.7
321 (Compact)	1997-	D	Super Farm Universal 10W/30 de	8	Ring Free XHD 30 b	8.3	Super Farm Universal 10W/30	8.5
540	1993-	D	Super Farm Universal 10W/30 de	11	Lodexol 80W/90	17.4	Super Farm Universal 10W/30	14.5
542	1993-	D	Super Farm Universal 10W/30 de	15	EP 80W/90 c	40	Super Farm Universal 10W/30	22
560	1997-	D	Super Farm Universal 10W/30 de	12	Ring Free XHD 40	40	Super Farm Universal 10W/30	20.5
562	1997-	D	Super Farm Universal 10W/30 de	15	EP 80W/90 c	40	Super Farm Universal 10W/30	22
570	1983-	D	Super Farm Universal 10W/30 de	12	Ring Free XHD 40	40	Super Farm Universal 10W/30	20.5
572, 592	1983-	D	Super Farm Universal 10W/30 de	15	EP 80W/90 c	40	Super Farm Universal 10W/30	22
680	1995-	D	Super Farm Universal 10W/30 de	12	Ring Free XHD 40	40	Super Farm Universal 10W/30	20.5
682	1995-	D	Super Farm Universal 10W/30 de	15	EP 80W/90 c	40	Super Farm Universal 10W/30	22
890	1995-	DT	Super Farm Universal 10W/30 de	12	Ring Free XHD 40	40	Super Farm Universal 10W/30	22
892	1995-	D	Super Farm Universal 10W/30 de	15	EP 80W/90 c	40	Super Farm Universal 10W/30	22
900, 920, Pronar 82A	1995-	D	Super Farm Universal 10W/30 de	15	EP 80W/90 c	40	Super Farm Universal 10W/30	22
950, 952	1995-	DT	Super Farm Universal 10W/30 de	15	Ring Free XHD 40	40	Super Farm Universal 10W/30	22
1005	1995-	DT	Super Farm Universal 10W/30 de	12	Ring Free XHD 30	40	Super Farm Universal 10W/30	22
1221	1996-	DT	Super Farm Universal 10W/30 de	22	Super Farm Universal 10W/30	47	Super Farm Universal 10W/30	22

a. *Reduction Hubs (each): 2.3 ltr ltr, Lodexol Ultra Drive 80W/90*
 b. *Manufacturer does not approve of STOU in transmission*
 c. *Alternative recommendations, Transmission: -30°C to 5°C, CD 30; 5°C to 40°C, CD 40*
 d. *Alternative engine oil specifications: API CD or MIL-L-2104C for monogrades, API CE for multigrades*
 e. *Alternative recommendations, Engine: -40°C to 5°C, 20W; 10W-20; 5°C to 50°C, 30*

CASE INTERNATIONAL

235	1989-	D	Ring Free XHD 15W/40 w	3.5	Liquimatic HY	12	From Transm	-
255	1989-	D	Ring Free XHD 15W/40 w	3.4/3.8	Liquimatic HY	20/25 c	From Transm	-
275	1989-	D	Ring Free XHD 15W/40 w	4.7	Liquimatic HY	6.5	From Transm	-
844S, 844 XL	1991-	D	Ring Free XHD 15W/40 w	9.5	Liquimatic JDF t	37/39 bt	Liquimatic HY	48
856XL	1985-	DT	Ring Free XHD 15W/40 w	9.5	Lodexol 80W/90	37/39 b	Liquimatic HY	18/48 a
956XL, 1056XL	1985-	D	Ring Free XHD 15W/40 w	12.5	Liquimatic HY	27/29 b	Liquimatic HY	48
9280	1992-96	DT	Ring Free XHD 15W/40 w	38.6	Liquimatic HY	39/44 c	Liquimatic HY	68
9310, 9330	1996-	DT	Ring Free XHD 15W/40 w	21	Liquimatic HY	36	Liquimatic HY	68
9350	1996-	DT	Ring Free XHD 15W/40 w	36.7	Liquimatic HY	38/40 cf	Liquimatic HY	68
9370, 9380	1996-	DT	Ring Free XHD 15W/40 w	41.5	Liquimatic HY	38/40 cf	Liquimatic HY	68
1255XL, 1455XL	1985-	DT	Ring Free XHD 15W/40 w	12.5	Liquimatic HY	34/40 b	From Transm	-
2120, 2130	1994-	D	Ring Free XHD 15W/40 w	6.7	Liquimatic HY	36/38 b	From Transm	-
2140, 2150	1994-	D	Ring Free XHD 15W/40 w	9.2	Liquimatic HY	36/38 b	From Transm	-
3210, 3220	1994-	D	Ring Free XHD 15W/40 w	7.5	Liquimatic HY	34/36.5 b	From Transm	-
3230	1994-	D	Ring Free XHD 15W/40 w	9.5	Liquimatic HY	34/36.5 b	From Transm	-
4210, 4220, 4230, 4240	1994-	D / DT	Ring Free XHD 15W/40 w	9.8	Liquimatic HY	34/36.5 b	From Transm	-
CS 48A	1996-	D	Ring Free XHD 15W/40 w	7.5	Liquimatic JDF	24	Liquimatic HV46	9.6
CS 68 (CS Series)	1996-	DT	Ring Free XHD 15W/40 w	10	Super Farm Universal 10W/30	28	Liquimatic HV46 xy	15-29
CS 68A, CS 75A (CS Series)	1996-	DT	Ring Free XHD 15W/40 w	10	Super Farm Universal 10W/30	30	Liquimatic HV46 xy	15-29
CS 75 (CS Series)	1996-	DT	Ring Free XHD 15W/40 w	7	Super Farm Universal 10W/30	30	Liquimatic HV46	23

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Wheeled Tractors

CASE INTERNATIONAL

Make/Model	Engine	Transmission	Hydraulics	
CS 78 (CS Series)	1996- DT Ring Free XHD 15W/40 w 12	Super Farm Universal 10W/30 31	Liquimatic HV46	30-34
CS 86 (CS Series)	1996- DT Ring Free XHD 15W/40 w 12	Super Farm Universal 10W/30 34	Liquimatic HV46	30-34
CS 94 (CS Series)	1996- DT Ring Free XHD 15W/40 w 12	Super Farm Universal 10W/30 34	Liquimatic HV46	30-34
CS 100, CS 110 (CS Series)	1996- DT Ring Free XHD 15W/40 w 14	Super Farm Universal 10W/30 72	From Transm	-
CS 120 (CS Series)	1996- DT Ring Free XHD 15W/40 w 20	Super Farm Universal 10W/30 72	From Transm	-
CS 130 (CS Series)	1996- DT Ring Free XHD 15W/40 w 20	Super Farm Universal 10W/30 72	From Transm	-
CS 150 (CS Series)	1996- DT Ring Free XHD 15W/40 w 20	Super Farm Universal 10W/30 72	From Transm	-
120, 130 (CVX Series)	2001- D / DT Super Farm Universal 10W/30 w 20	Refer to Main Dealer 60	Triad 46	51
150, 170 (CVX Series)	2001- D / DT Super Farm Universal 10W/30 w 20	Refer to Main Dealer 60	Triad 46	51
1135, 1145 (CVX Series)	2004- DT Ring Free XHD Plus 15W/40 w 20	Refer to Main Dealer 60	Liquimatic HV46 xy	52
1155, 1170, 1190 (CVX Series)	2004- DT Ring Free XHD Plus 15W/40 w 20	Refer to Main Dealer 60	Liquimatic HV46 xy	52
CX50, 60 (CX Series)	1997- D Ring Free XHD 15W/40 w 6.4	Liquimatic HY 34.5/37 b	From Transm	-
CX70, 80, 90, 100 (CX Series)	1997- D / DT Ring Free XHD 15W/40 w 7.3	Liquimatic HY 34.5/37 b	From Transm	-
80C (CX Series)	1999- D Ring Free XHD 15W/40 w 7	Liquimatic HY 71	From Transm	-
90C, 100C (CX Series)	1999- D Ring Free XHD 15W/40 w 7	Liquimatic HY 71	From Transm	-
7210, 7220, 7230, 7240, 7250 (Magnum)	1994- DT Ring Free XHD 15W/40 w 21	Liquimatic HY 172	From Transm	-
225, 250, 280, 310 (Magnum III Series)	2006- DT Ring Free XHD Plus 15W/40 25	Liquimatic HY 207	From Transm	-
210, 230 (Magnum MX Series)	1999- DT Ring Free XHD Plus 15W/40 w 21	Liquimatic HY 172	From Transm	-
255, 285 (Magnum MX Series)	1999- DT Ring Free XHD Plus 15W/40 w 21	Liquimatic HY 172	From Transm	-
215, 245, 275 (Magnum MX III Series)	2006- DT Ring Free XHD Plus 15W/40 25	Liquimatic HY 207	From Transm	-
305 (Magnum MX III Series)	2006- DT Ring Free XHD Plus 15W/40 29.6	Liquimatic HY 207	From Transm	-
55, 65 (Maxxima JX)	2002- D Ring Free XHD Plus 15W/40 w 8.2	Liquimatic JDF 49	From Transm	-
75, 85 (Maxxima JX)	2002- D Ring Free XHD Plus 15W/40 w 11.7	Liquimatic JDF 55	From Transm	-
95 (Maxxima JX)	2002- D Ring Free XHD Plus 15W/40 w 9.2	Liquimatic JDF 55	From Transm	-
JX60, JX70 (JX Series)	2005- D Ring Free XHD Plus 15W/40 w 7.5	Liquimatic JDF 49 aa	From Transm	-
JX80, JX90, JX95 (JX Series)	2005- D Ring Free XHD Plus 15W/40 w 11.4	Liquimatic JDF 55	From Transm	-
JX1060C, JX1070C, JX1075C (JXC Series)	2005- D Ring Free XHD 15W/40 w 7.5	Liquimatic JDF 42	From Transm	-
70 (Maxxima JXU)	2002- D Ring Free XHD Plus 15W/40 w 9.5	Liquimatic JDF 54.5	From Transm	-
80, 90, 100 (Maxxima JXU)	2002- D Ring Free XHD Plus 15W/40 w 9.5	Liquimatic JDF 54.5	From Transm	-
1070U (JXU Maxima)	2005- D Ring Free XHD 15W/40 w 9.5	Liquimatic JDF 49	From Transm	-
1080U, 1090U, 1100U (JXU Maxima)	2005- D Ring Free XHD 15W/40 w 9.5	Liquimatic JDF 55	From Transm	-
5120 (Maxxum)	1990- DT Ring Free XHD 15W/40 w 11	Liquimatic HY 76 e	From Transm	-
5130, 5130 synchro (Maxxum)	1990- D Ring Free XHD 15W/40 w 15	Liquimatic HY 76 e	From Transm	-
5140, 5140 synchro, 5150 (Maxxum)	1990- DT Ring Free XHD 15W/40 w 15	Liquimatic HY 76 e	From Transm	-
MX 100, 110, 120 (Maxxum MX Series)	1997- D Ring Free XHD 15W/40 w 15	Liquimatic HY 66.3	From Transm	-
MX 135 (Maxxum MX Series)	1997- D Ring Free XHD 15W/40 w 15	Liquimatic HY 66.3	From Transm	-
150, 170 (Maxxum MX Series)	1999- D Ring Free XHD 15W/40 w 15	Liquimatic HY k 95	From Transm	-
MX 180, 200, 220 (Maxxum MX Series)	1999- D Ring Free XHD 15W/40 w 21	Liquimatic HY 172	From Transm	-
MX 240, 270 (Maxxum MX Series)	1999- D Ring Free XHD 15W/40 w 21	Liquimatic HY 172	From Transm	-
120, 130 (Maxxum MXM)	2002- DT Ring Free XHD 15W/40 w 19	Liquimatic JDF 65-73	From Transm	-
140 (Maxxum MXM)	2002- DT Ring Free XHD 15W/40 w 19	Liquimatic JDF 65-73	From Transm	-
155 (Maxxum MXM)	2002- DT Ring Free XHD 15W/40 w 19	Liquimatic JDF 90	From Transm	-
175, 190 (Maxxum MXM)	2002- DT Ring Free XHD 15W/40 w 19	Liquimatic JDF 100	From Transm	-
100, 110 (Maxxum MXU)	2004- DT Ring Free XHD Plus 15W/40 w 10	Liquimatic JDF 55-65.5	From Transm	-
115 (Maxxum MXU)	2004- DT Ring Free XHD Plus 15W/40 w 15	Liquimatic JDF 55-65.5	From Transm	-

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Wheeled Tractors

CASE INTERNATIONAL

Make/Model	Engine	Transmission	Hydraulics	
125 (Maxxum MXU)	2004- DT Ring Free XHD Plus 15W/40 w	15 Liquimatic JDF	55-65.5 From Transm	-
135 (Maxxum MXU)	2004- DT Ring Free XHD Plus 15W/40 w	15 Liquimatic JDF	55-65.5 From Transm	-
375, 440 (Steiger STX)	2000- DT Ring Free XHD Plus 15W/40 w	49.2 Liquimatic HY	49.2/76 c Liquimatic HY	352
STX 425 & 450 (Steiger STX)	2005- D Ring Free XHD Plus 15W/40 w	49.2 Liquimatic HY	49.2/51.1 c Liquimatic HY	132/303 bbcc
a.	Without/With oil cooling reservoir			
b.	2WD/4WD			
c.	Without/With PTO			
d.	Differential: 10.8 ltr (plus 0.5 ltr Refer to Main Dealer), planetary housings: 0.9 ltr each side			
e.	For operation in hilly conditions fill to 'MAXIMUM' level - 88 ltr (all transmission options)			
f.	Synchroshift transmission: Models 9370 and 9380, 45 ltr / 47 ltr, Liquimatic HY. Model 9280, 45 ltr / 51 ltr, Liquimatic HY. Powershift: Models 9370 and 9380, 38 ltr / 40 ltr, Liquimatic HY. Model 9280, 39 ltr / 44 ltr, Liquimatic HY			
g.	K695 Front steerable axle (where fitted), Differential: 18 ltr, Liquimatic HY; Planetary housing (each): 7 ltr, Liquimatic HY			
h.	785L: 8.5 ltr; 885L, -XL: 9.5 ltr			
i.	Transmission, Powershift: 45 ltr ltr			
j.	Differential: MX 100, 110, 120, 135, 6ltr; planetary housing: 0.6 ltr except 135, 0.7 ltr. MX 180, 200, 220, 240, 270, 15.9 ltr; planetary housing: 1.9 ltr to 2.6 ltr. Add limited slip additive Refer to Main Dealer to differential lubricant			
k.	Front PTO gearbox: Lodexol PG 220			
n.	Hubs without brakes: 1.5 ltr, Lodexol Ultra Drive 80W/90; hubs with brakes: 2 ltr Super Farm Universal 10W/30			
p.	4 Wheel drive with independent suspension 20, 25: differential, 2.2 ltr, Lodexol Ultra Drive 80W/90; hubs, 1.5 ltr, Lodexol Ultra Drive 80W/90; 4 Wheel drive with independent suspension 20, 29: Differential, 5.5 ltr, Lodexol Ultra Drive 80W/90; hubs, 1.5 ltr, Lodexol Ultra Drive 80W/90			
q.	K694 Planetary axle (each): 40 ltr, Liquimatic HY. K692 Bar Axle (each): 39.7 ltr, Liquimatic HY			
r.	Capacity unquoted:			
s.	Without/with cab			
t.	4WD, Fast Speed: 29 ltr ltr, Liquimatic HY			
u.	ZF steering axle: Lodexol Ultra Drive 80W/90. If 'squawk' is experienced: XEP 90			
v.	Without / with brakes			
w.	Engine oil viscosity recommendations: -25°C to 9°C, 10W-30; -25°C to 28°C, 10W-40; -15°C to 43°C, 15W-40. CS models, -20°C to 30°C, 10W-30; -20°C to above 30°C, 10W-40; -10°C to above 30°C, 15W-40; -5°C to above 30°C, 20W-50.			
x.	Also recommended: Liquimatic Super ATF			
y.	Includes steering system			
z.	Alternative recommendations: EP 80W-90			
aa.	Reversing synchro capacity: 55 ltr			
bb.	Reservoir/Complete System			
cc.	Models with 3-point pivot: add 19 ltr			
dd.	Also recommended: Liquimatic HY			
ee.	Limited slip axles only: Add 0.5 ltr Refer to Main Dealer			
General Notes				
2.	Braking systems (844, 856, 956, 1056, 1255 and 1455 models): Liquimatic HY, Brake Valve Oil Tank 2120, 2130, 2140, 2150: 0.3 ltr, Liquimatic HY, (1394, 1494, 1594, 1694 models with separate reservoir): LHM Plus Plus; 9300 series: DOT 3; CS series: LHM Plus			
3.	Super Farm Universal 10W/30 tacility approved to replace CDSF 15W-40, CCSD 20W-20, CE 15W-40 and CD/CE 15W-40 in all applications.			
4.	Use only Case International approved fluids in transmissions and hydraulic systems during warranty			

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546, 556, 566 (Ares 500 Series)	D	Ring Free XHD Plus 15W/40	10.0/12.5	Liquimatic JDF	65	From Transm	-
547, 557, 567, 577 (Ares)	2004- DT	Ring Free XHD Plus 15W/40	12.5/17 c	Liquimatic JDF	63	From Transm	-
616, 656 (Ares)	2005- DT	Ring Free XHD Plus 15W/40	12.5/17 c	Liquimatic JDF	65	From Transm	-
617, 657 (Ares)	2004- DT	Ring Free XHD Plus 15W/40	12.5/17 c	Liquimatic JDF	63	From Transm	-
696 (Ares)	2005- DT	Ring Free XHD Plus 15W/40	12.5/17 c	Liquimatic JDF	65	From Transm	-
697 (Ares)	2004- DT	Ring Free XHD Plus 15W/40	12.5/17 c	Liquimatic JDF	63	From Transm	-
816, 826 (Ares)	2004- DT	Ring Free XHD Plus 15W/40	25	Liquimatic JDF	100/110	From Transm	-
836 (Ares)	2004- DT	Ring Free XHD Plus 15W/40	25	Liquimatic JDF	100	From Transm	-
926 (Atlas)	2004- DT	Ring Free XHD Plus 15W/40	24	Liquimatic JDF	150	From Transm	-
936 (Atlas)	2004- DT	Ring Free XHD Plus 15W/40	24	Liquimatic JDF	158	From Transm	-
426, 436, 446 (Celtis)	2004- D / DT	Ring Free XHD Plus 15W/40	12.5	Liquimatic JDF	65	From Transm	-
456 (Celtis)	2004- D / DT	Ring Free XHD Plus 15W/40	12.5	Liquimatic JDF	65	From Transm	-
217, 227, 237, -F, VE, -VL (Nectis)	2004- D / DT	Ring Free XHD Plus 15W/40	8.5	Liquimatic JDF	30-38	From Transm	-
247, 257, 267, -F, VE, -VL (Nectis)	2004- D / DT	Ring Free XHD Plus 15W/40	10	Liquimatic JDF	30-38	From Transm	-
Xerion 2000, 3000	2005- D	Ring Free XHD Plus 15W/40	30	g	24	Liquimatic HV46	80 XEP 90 d 16
3300 (Xerion)	2004- DT	Ring Free XHDS 10W/40	32	b	5.6	Liquimatic HV46	130
a.	Capacity unquoted:						
b.	Sole recommendation: Refer to Main Dealer						
c.	4 cylinder/6 cylinder						
d.	Alternative recommendations: GL-5 85W-90						

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Wheeled Tractors

CLAAS

Make/Model	Engine	Transmission	Hydraulics	
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e. Sole recommendation: Refer to Main Dealer
 f. Fixed front axle/Proactiv front axle
 g. Sole recommendation: Refer to Main Dealer

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D 45-07C, D 48-07C	2005-	D	Ring Free XHD 15W/40	7.5	Ring Free XHD 15W/40 a	16/18	Ring Free XHD 20	14
D60-07C	2005-	D	Ring Free XHD 15W/40	8.5	Ring Free XHD 15W/40 a	18	Ring Free XHD 20	14
DX 3.10, DX 3.10A, DX 3.30, DX 3.30A	1984-	D	Ring Free XHD 15W/40	9	Ring Free XHD 15W/40 a	19-23	Ring Free XHD 15W/40	14-28
DX 3.50, DX 3.50A	1984-	D	Ring Free XHD 15W/40	9	Ring Free XHD 15W/40 a	19-23	Ring Free XHD 15W/40	14-28
DX 3.65 A	1989-	D	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40 a	19-23	Ring Free XHD 15W/40	14-28
DX 4.17, DX 4.17A	1991-	D	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40 a	19-23	Ring Free XHD 15W/40	14-28
DX 4.30, DX4.30A, DX 4.31, DX 4.31A	1984-	D	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38 b
DX 4.47 A	1993-	DT	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38 b
DX 4.50, DX 4.50A, DX 4.51, DX 4.51A	1984-	DT	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38 b
DX 4.56, DX 4.56A	1991-	DT	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	28
DX 4.57, DX 4.57A	1991-	DT	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38 b
DX 4.61, DX 4.71	1990-	DT	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/30 b
DX 4.68 AP, DX 4.78 AP	1994-	DT	Ring Free XHD 15W/40	11	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38 b
DX 6.05, DX 6.05A, DX 6.05AM	1987-	D	Ring Free XHD 15W/40	17	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38
DX 6.06, 6.06A, DX 6.07, DX 6.07A	1991-	D	Ring Free XHD 15W/40	17	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/38
DX 6.08A, DX 6.11, DX 6.11A	1990-	D	Ring Free XHD 15W/40	16	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/30 b
DX 6.16, DX 6.16A, DX 6.17, DX 6.17A	1991-	D	Ring Free XHD 15W/40	16	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	28
DX 6.21, DX 6.21A, DX 6.21AP, DX 6.28A	1991-	D	Ring Free XHD 15W/40	16	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	30
DX 6.31, DX 6.31A, DX 6.31AP, DX 6.38A	1990-	DT	Ring Free XHD 15W/40	16	Ring Free XHD 15W/40	44	Ring Free XHD 15W/40	13/30 b
DX 6.61, DX 6.61AP	1990-	DT	Ring Free XHD 15W/40	18	Ring Free XHD 15W/40	46	Ring Free XHD 15W/40	13/30 b
DX 6.81	1994-	DT	Ring Free XHD 15W/40	18	d	105	From Transm	-
F60, 70F3, 70F4, F80 (Agrocompact)	1998-	DT	Ring Free XHD 15W/40	8.2	Liquimatic JDF	41	From Transm	-
F75 (Agrocompact)		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	41	From Transm	-
F90 (Agrocompact)	1998-	DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	41	From Transm	-
F100 (Agrocompact)		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	41	From Transm	-
25 (Agrokid)	1996-	DT	Ring Free XHD 15W/40	5.1	Liquimatic JDF	21	From Transm	-
30 (Agrokid)		D / DT	Ring Free XHD 15W/40	6.2	Liquimatic JDF	21	From Transm	-
35, 42 (Agrokid)	1996-	DT	Ring Free XHD 15W/40	7.1	Liquimatic JDF	21	From Transm	-
40 (Agrokid)		D / DT	Ring Free XHD 15W/40	6.2	Liquimatic JDF	21	From Transm	-
50 (Agrokid)		D / DT	Ring Free XHD 15W/40	6.2	Liquimatic JDF	21	From Transm	-
F50 (Agrolux)	2005-	DT	Ring Free XHD 15W/40	9.5	Liquimatic JDF	41	From Transm	-
60, F60 (Agrolux)	2001-	DT	Ring Free XHD 15W/40	11	Liquimatic JDF	41	From Transm	-
70, F70, F80 (Agrolux)	2001-	DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	41	From Transm	-
80, 90 (Agrolux)	2001-	DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	52	From Transm	-
60 (Agroplus)	1996-	DT	Ring Free XHD 15W/40	9.5	Liquimatic JDF	41	From Transm	-
70 (Agroplus)	1996-	DT	Ring Free XHD 15W/40	11	Liquimatic JDF	41	From Transm	-
80 (Agroplus)	2001-	DT	Ring Free XHD 15W/40	11	Liquimatic JDF	41	From Transm	-
75, 85, 95 (Agroplus)	1997-	DT	Ring Free XHD 15W/40	10.5	Liquimatic JDF	73	From Transm	-
100 (Agroplus)	1997-	DT	Ring Free XHD 15W/40	14	Liquimatic JDF	73	From Transm	-
4.31, 4.51, 4.56 (Agroprima)	2005-	DT	Ring Free XHD 15W/40	11.0	Ring Free XHD 15W/40	44.0	Ring Free XHD 15W/40	13.0/28.0
6.06, 6.16 (Agroprima)	2005-	DT	Ring Free XHD 15W/40	16.0	Ring Free XHD 15W/40	44.0	Ring Free XHD 15W/40	13.0/28.0
4.61, 4.71 (Agrostar)	2005-	DT	Ring Free XHD 15W/40	11.0	Ring Free XHD 15W/40	44.0	Ring Free XHD 15W/40	13.0/30.0
6.11, 6.21, 6.31 (Agrostar)	2005-	DT	Ring Free XHD 15W/40	16.0	Ring Free XHD 15W/40	44.0	Ring Free XHD 15W/40	13.0/30.0
6.61 (Agrostar)	2005-	DT	Ring Free XHD 15W/40 i	18.0	Ring Free XHD 15W/40	46.0	Ring Free XHD 15W/40	13.0/30.0
4.68, 4.78, 6.08, 6.28, 6.38 (Agrostar)	2005-	DT	Ring Free XHD 15W/40 i	11.0/16.0	Ring Free XHD 15W/40	44.0	Ring Free XHD 15W/40	13.0/30
6.71, 6.81 (Agrostar)	2005-	DT	Ring Free XHD 15W/40 i	18.0	Super Farm Universal 10W/30	120	From Gearbox	-

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Make/Model	Engine	Transmission	Hydraulics	
100, 120, 140 (Agrosun)	1999- DT Ring Free XHD 15W/40	16.5	Liquimatic JDF	76
4.70, 4.80, 4.85, 4.90, 4.95 (Agrotron)	1995- DT Ring Free XHD 15W/40	10	Super Farm Universal 10W/30	38/44
6.00, 6.05, 6.15 (Agrotron)	1995- DT Ring Free XHD 15W/40	14	Super Farm Universal 10W/30	72/80
6.20, 6.30, 6.45 (Agrotron)	1995- DT Ring Free XHD 15W/40	21	Super Farm Universal 10W/30	72/80
80, 85, 90, 100 (Agrotron)	1998- D / DT Ring Free XHD 15W/40	10.5	Liquimatic JDF	38
105, 107 (Agrotron)	1998- D / DT Ring Free XHD 15W/40	15.5	Liquimatic JDF	38
106, 110 (Agrotron)	1998- D / DT Ring Free XHD 15W/40	15	Liquimatic JDF	38
108, 115, 118, 128 (Agrotron)	2005- DT Ring Free XHD 15W/40	15.0	Liquimatic JDF	78.0/80.0
106 MK3, 110 MK3, 115 MK3, (Agrotron)	2001- DT Ring Free XHD 15W/40	15	Liquimatic JDF	72
120 (Agrotron)	1998- D / DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	38
120 MK3, 135 MK3, 150 MK3 (Agrotron)	2001- DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	72
135 (Agrotron)	1998- D / DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	38
150 (Agrotron)	1998- D / DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	38
130, 140, 155, 165 (Agrotron)	2005- DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	78.0/80.0
150.7, 165.7 (Agrotron)	2005- D / DT Ring Free XHD 15W/40	18.0	Liquimatic JDF	81.0/90.0
160, 175, 200 (Agrotron)	2000- DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	105
165 MK3 (Agrotron)	2000- DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	72
215 (Agrotron)	2005- D / DT Ring Free Ultra 10W/40	24.0	Liquimatic JDF	79.0
210, 230, 235, 260 (Agrotron)	1998- DT Ring Free Ultra 10W/40	23	Liquimatic JDF	80/88
265 (Agrotron)	2005- D / DT Ring Free Ultra 10W/40	24.0	Liquimatic JDF	79.0
K90 (Agrotron)	D / DT Ring Free XHD 15W/40	10	Liquimatic JDF	42
K100 (Agrotron)	D / DT Ring Free XHD 15W/40	10	Liquimatic JDF	42
K110 (Agrotron)	D / DT Ring Free XHD 15W/40	15	Liquimatic JDF	42
TTV 1130, 1145, 1160 (Agrotron)	2000- DT Ring Free XHD 15W/40	18.5	Liquimatic JDF	104

- a. Alternative recommendations: Lodexol 80W/90
- b. Without/With auxiliary tank
- c. Use only Ring Free XHD 20 in this transmission (ZF Powershift)
- d. Sole recommendation: Refer to Main Dealer
- e. Capacity unquoted:
- f. Without/with active suspension
- g. With/without diff. lock
- h. Factory fill: STOU 10W/30
- i. Alternative recommendations, Engine: -20°C to 20°C, Superfarm Universal 10W-30;-10°C to 30°C, Ring Free XHD 15W-40

General Notes

1. Super Farm Universal 10W/30 is approved for use in engines, transmissions (except transmission of 6.81 and DX 8.30 and Agrotron range engines) and hydraulics

FENDT

102, 103 (100 Series)	D	Ring Free XHD 15W/40 pw	7.8	Liquimatic JDF	25.0/29.0	Ring Free XHD 20	7.5/12.0
200, 201, 203, 204, 205 (200 Series)	D	Ring Free XHD 15W/40 pw	8.0/9.3	Liquimatic JDF	23.0/28.5	Ring Free XHD 20	7.5/12.0
206F, 207F (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	9	Refer to Main Dealer	31/30 h	Super Farm Universal 10W/30 ij	21
206S, 207S (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	9	Refer to Main Dealer	31	Super Farm Universal 10W/30 ij	21
206V, 207V (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	9	Refer to Main Dealer	31/30 h	Super Farm Universal 10W/30 ij	21
208F, 209F (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	11	Refer to Main Dealer	31/30 h	Super Farm Universal 10W/30 ij	21
208P, 209P (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	11	Refer to Main Dealer	31	Super Farm Universal 10W/30 ij	21
208S, 209S (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	11	Refer to Main Dealer	31	Super Farm Universal 10W/30 ij	21
208V, 209V (Farmer)	2003- DT	Ring Free XHDS 10W/40 vw	11	Refer to Main Dealer	31/30 h	Super Farm Universal 10W/30 ij	21
250S, 250V (Farmer)	1988- D	Ring Free XHD 15W/40 vw	8	EP 80W/90	24.4	Ring Free XHD 20 d	14
250SA, 250VA (Farmer)	1988- D	Ring Free XHD 15W/40 vw	8	EP 80W/90	26.4	Ring Free XHD 20 d	14
260S, 260V, 260P (Farmer)	1988- D	Ring Free XHD 15W/40 vw	8	EP 80W/90	24.4	Ring Free XHD 20 d	14
260SA, 260VA, 260PA (Farmer)	1988- D	Ring Free XHD 15W/40 vw	8	EP 80W/90	26.4	Ring Free XHD 20 d	14
270V, 270P (Farmer)	1988- D	Ring Free XHD 15W/40 vw	9.3	EP 80W/90	24.4	Ring Free XHD 20 d	14
270VA, 270PA (Farmer)	1988- D	Ring Free XHD 15W/40 vw	9.3	EP 80W/90	26.4	Ring Free XHD 20 d	14
275S (Farmer)	1988- D	Ring Free XHD 15W/40 vw	9.3	EP 80W/90	24.4	Ring Free XHD 20 d	14
275SA (Farmer)	1988- D	Ring Free XHD 15W/40 vw	9.3	EP 80W/90	26.4	Ring Free XHD 20 d	14
275V (Farmer)	1992- D	Ring Free XHD 15W/40 vw	9.3	EP 80W/90	24.4	Ring Free XHD 20 d	6.5/14
275VA (Farmer)	1992- D	Ring Free XHD 15W/40 vw	9.3	EP 80W/90	26.4	Ring Free XHD 20 d	6.5/14

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Wheeled Tractors

FENDT

Make/Model	Engine	Transmission	Hydraulics	
280P, 280PA (Farmer)	1989- D Ring Free XHD 15W/40 ww 9.3	EP 80W/90	26.4	Ring Free XHD 20 d 14
280VA, 280SA (Farmer)	1997- D Ring Free XHD 15W/40 ww 9.3	EP 80W/90	26.4	Ring Free XHD 20 d 6.5/14
303LS, 303LSA (Farmer)	1982- D Ring Free XHD 15W/40 ww 7.3	EP 80W/90	30/33	Ring Free XHD 20 d 12/18
304LS, 304LSA (Farmer)	1982- D Ring Free XHD 15W/40 ww 7.3	EP 80W/90	30/33	Ring Free XHD 20 d 12/18
304LS, 304LSA (Farmer)	1991- DT Ring Free XHD 15W/40 ww 7.3	EP 80W/90	30/33	Ring Free XHD 20 d 18
305LS, 305LSA (Farmer)	1980- D Ring Free XHD 15W/40 ww 9.5	EP 80W/90	30/33	Ring Free XHD 20 d 12/28
306LS, 306LSA (Farmer)	1980- D Ring Free XHD 15W/40 ww 9.5	EP 80W/90	30/33	Ring Free XHD 20 d 12/28
307 (Farmer)	1993- DT Ring Free XHD 15W/40 ww 7.3	EP 80W/90	30/33	Ring Free XHD 20 d 18
307C, 307CA (Farmer)	1997- DT Ring Free XHDS 10W/40 ww 11	EP 80W/90 g	35.5	Ring Free XHD 20 c 41
307 Ci (Farmer)	2004- DT Ring Free XHDS 10W/40 ww 11	EP 80W/90 g	35.5	Ring Free XHD 20 c 41
308 Ci, 309 Ci (Farmer)	2004- DT Ring Free XHDS 10W/40 ww 11	EP 80W/90 g	35.5	Ring Free XHD 20 c 41
308 (Farmer)	1993- DT Ring Free XHD 15W/40 ww 9.5	EP 80W/90	30/33	Ring Free XHD 20 d 12/28
308, 309, -C, -CA (Farmer)	1997- DT Ring Free XHDS 10W/40 ww 11	EP 80W/90 g	35.5	Ring Free XHD 20 c 41
309 (Farmer)	1993- DT Ring Free XHD 15W/40 ww 9.5	EP 80W/90	30/33	Ring Free XHD 20 d 12/28
310 (Farmer)	1993- DT Ring Free XHD 15W/40 ww 9.5	EP 80W/90	31/33	Ring Free XHD 20 d 26/27
311 (Farmer)	1993- D Ring Free XHD 15W/40 ww 16.4	EP 80W/90	31/33	Ring Free XHD 20 d 26/27
312 (Farmer)	1993- DT Ring Free XHD 15W/40 ww 16.4	EP 80W/90	21	Ring Free XHD 20 d 42
409, 410, 411 (Farmer)	2000- DT Ring Free XHDS 10W/40 ww 11	Refer to Main Dealer	30	Super Farm Universal 10W/30 fj 42
309, 310, 311, 312 (Farmer Vario)	2005- DT Ring Free XHD 15W/40 v 10	Refer to Main Dealer	30	Super Farm Universal 10W/30 i 60
412 (Farmer Vario)	2000- DT Ring Free XHDS 10W/40 ww 11.0	Refer to Main Dealer	30	Refer to Main Dealer 42
240S (Farmer 200 Series)	D / DT Ring Free XHD 15W/40 ww 8.0	Liquimatic JDF	24.0	Ring Free XHD 20 6.5/14.0
250K (Farmer 200 Series)	D Ring Free XHD 15W/40 ww 8.0	EP 80W/90 c	24.4/26.4	Ring Free XHD 20 d 14.5
280V, 280S (Farmer 200 Series)	D Ring Free XHD 15W/40 ww 9.3	EP 80W/90 c	26.4	Ring Free XHD 20 d 14.5
509C, 510C (Favorit)	1993- DT Ring Free XHD 15W/40 ww 12	Super Farm Universal 10W/30	45	Ring Free XHD 20 12/27
511C (Favorit)	1993- DT Ring Free XHD 15W/40 ww 18.5	Super Farm Universal 10W/30	45	Ring Free XHD 20 c 45
512C (Favorit)	1993- DT Ring Free XHD 15W/40 ww 19.5	Super Farm Universal 10W/30	45	Ring Free XHD 20 20/42
514C (Favorit)	1993- DT Ring Free XHD 15W/40 ww 19.5	Super Farm Universal 10W/30	45	Ring Free XHD 20 20/42
515C (Favorit)	1995- DT Ring Free XHD 15W/40 ww 19.5	Super Farm Universal 10W/30	45	Ring Free XHD 20 20/42
611SL, 611LS, 611LSA (Favorit)	1977- D Ring Free XHD 15W/40 ww 13	Ring Free XHD 20 d	36-47 b	From Transm -
612LSA (Favorit)	1984- DT Ring Free XHD 15W/40 ww 17	Ring Free XHD 20 d	38-47	From Transm -
614SL, 614LSA (Favorit)	1977- DT Ring Free XHD 15W/40 ww 17	Ring Free XHD 20 d	36-47	From Transm -
615SL, 615LSA (Favorit)	1980- DT Ring Free XHD 15W/40 ww 17	Ring Free XHD 20 d	36-60	From Transm -
711, 712 Vario (Favorit)	2000- DT Ring Free XHDS 10W/40 ww 16.5	Refer to Main Dealer	45	Ring Free XHD 20 c 50
714, 716 Vario (Favorit)	1998- DT Ring Free XHDS 10W/40 ww 16.5	Refer to Main Dealer	45	Ring Free XHD 20 c 50
816, 818, 822, 824 (Favorit)	1993- DT Ring Free XHD 15W/40 ww 20.5	Super Farm Universal 10W/30	64	Ring Free XHD 20 d 60
916, 920, 924 Vario (Favorit)	1997-03 DT Ring Free XHD 15W/40 ww 20.5	Super Farm Universal 10W/30 e	65	Ring Free XHD 20 c 55
916 Vario, 920 Vario (from chassis Nos. 6001) (Favorit)	2003- DT Ring Free XHDS 10W/40 ww 24	Refer to Main Dealer	65	Super Farm Universal 10W/30 jn 70
924 Vario, 926 Vario (from chassis Nos. 6001) (Favorit)	2003- DT Ring Free XHDS 10W/40 ww 24	Refer to Main Dealer	67	Super Farm Universal 10W/30 jn 70
926 Vario (Favorit)	1996-03 DT Ring Free XHD 15W/40 ww 20.5	Super Farm Universal 10W/30 e	65	Ring Free XHD 20 c 55
930 Vario (Favorit)	1996-03 DT Ring Free XHD 15W/40 ww 20.5	Super Farm Universal 10W/30 e	65	Ring Free XHD 20 c 55
930 Vario (from chassis No. 1001) (Favorit)	2003- DT Ring Free XHDS 10W/40 ww 24	Refer to Main Dealer	67	Super Farm Universal 10W/30 jn 70
350 GT (Tool Carriers)	1998- D Ring Free XHD 15W/40 ww 9	EP 80W/90	26	Ring Free XHD 20 d 23
370 GT (Tool Carriers)	1998- D Ring Free XHD 15W/40 ww 9	EP 80W/90	26	Ring Free XHD 20 d 23
370GTA (Tool Carriers)	1998- D Ring Free XHDS 10W/40 ww 10.5	EP 80W/90	29.5	Refer to Main Dealer d 30
371 GTA (Tool Carriers)	1998- D Ring Free XHD 15W/40 ww 9	EP 80W/90	23	Ring Free XHD 20 d 23
380 GTA Turbo (Tool Carriers)	1998- D Ring Free XHD 15W/40 ww 10.5	EP 80W/90	25	Ring Free XHD 20 d 23
F345GT (Tool Carriers)	1986-98 D Ring Free XHD 15W/40 ww 9	EP 80W/90	26	Ring Free XHD 20 d 23
F345GTM (Tool Carriers)	1986-98 D Ring Free XHD 15W/40 ww 9	EP 80W/90	26	Ring Free XHD 20 d 23
F360GT (Tool Carriers)	1986-98 D Ring Free XHD 15W/40 ww 9	EP 80W/90	26	Ring Free XHD 20 d 23

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Wheeled Tractors

FENDT

Make/Model	Engine	Transmission	Hydraulics	
F360GTF (Tool Carriers)	1986-98 D Ring Free XHD 15W/40 ww	9 EP 80W/90	23 Ring Free XHD 20 d	23
F365GTA (Tool Carriers)	1987- D Ring Free XHD 15W/40 ww	10.5 EP 80W/90	25 Ring Free XHD 20 d	23
F380GT (Tool Carriers)	1986-98 D Ring Free XHD 15W/40 ww	10.5 EP 80W/90	26 Ring Free XHD 20 d	23
F380GTA, F380GTHA (Tool Carriers)	1986-98 D Ring Free XHD 15W/40 ww	10.5 EP 80W/90	25 Ring Free XHD 20 d	23
F380GTF (Tool Carriers)	1986- D Ring Free XHD 15W/40 ww	10.5 EP 80W/90	23 Ring Free XHD 20 d	23
F380GTH (Tool Carriers)	1986- D Ring Free XHD 15W/40 ww	10.5 EP 80W/90	26 Ring Free XHD 20 d	23
F390GTA, F395GTA, F395GHA (Tool Carriers)	1990- D Ring Free XHD 15W/40 ww	16 EP 80W/90	18 Ring Free XHD 20 d	30
815, 817, 818 (Vario)	2002- DT Ring Free XHDS 10W/40 ww	16.5 Refer to Main Dealer	50 Super Farm Universal 10W/30 jn	50
520 (Xylon)	1994- DT Ring Free XHD 15W/40 ww	14.5 Super Farm Universal 10W/30 f	40 Ring Free XHD 20 d	61
522, 524 (Xylon)	1994- DT Ring Free XHD 15W/40 ww	14.5 Super Farm Universal 10W/30 f	40 Ring Free XHD 20 d	61

- a. ZF Powershift. Use only Ring Free XHD 20 in this transmission. Turbo-clutch: 13 ltr, Ring Free XHD 10W SL models: 32 ltr / 37 ltr
- b. Alternative recommendations: Super Farm Universal 10W/30
- c. Ring Free XHD 20 must be used for first 250 hrs. after which Super Farm Universal 10W/30 are approved
- d. Alternative recommendations, Transmission: 10W-30; 10W-40; 15W-30; 15W-40
- e. Alternative recommendations, Hydraulics/Transmission: 10W-30; 15W-30
- f. 4WD: 36.5 ltr ltr, Lodexol Ultra Drive 80W/90
- g. 2WD/4WD
- h. Alternative recommendations, Hydraulics: 10W-30; 15W-30; 15W-40
- i. Alternative recommendations, Hydraulics: >10°C, Ring Free XHD 20
- j. Sole recommendation: Refer to Main Dealer
- k. Fendt provide a definitive list of approved antifreeze products related to the specific make of engine fitted. Refer to the handbook or Fendt distributor for current list
- l. Alternative recommendations, Hydraulics: 10W-30; 10W-40; 15W-30
- m. Alternative recommendations, Engine: -10°C to 35°C, 15W-40; -10°C to 25°C, 15W-30
- n. 2WD/4WD
- o. Alternative recommendations: GL-4 80W
- p. Without/with loader
- q. 2WD
- r. With front end loader & 4WD: 47 ltr
- s. Alternative recommendations, Engine: -20°C to 35°C, 10W-40; -20°C to 25°C, 10W-30; -15°C to 35°C, 15W-40; -15°C to 25°C, 15W-30
- t. Super Farm Universal 10W/30 not recommended for engines

General Notes

- 1. Transfer box (where fitted): Liquimatic JDF. Super Farm Universal 10W/30 also approved after first 250 hours
- 2. Lift system (where fitted): Ring Free XHD 20. Super Farm Universal 10W/30 also approved after first 250 hours.

GOLDONI

E26 RS, E30 RS, E30 SN, E40 SN	D	Ring Free XHD 15W/40	3.8	Refer to Main Dealer	a	From Transm	-
E40 RS, E45 RS	D	Ring Free XHD 15W/40	3.8	Refer to Main Dealer	a	From Transm	-
Base 20	D	Ring Free XHD 15W/40	2.5	Refer to Main Dealer	a	From Transm	-
Idea 40 DT	D	Ring Free XHD 15W/40	2.4	Refer to Main Dealer	22	From Transm	-
Idea 40 DT	D	Ring Free XHD Plus 15W/40	6	Refer to Main Dealer	22	From Transm	-
Star 50 NRG, Star 70 NRG	D	Ring Free XHD 15W/40	7	Refer to Main Dealer	28	From Transm	-
Star 3050, 3050SL, 3070, 3070V	D	Ring Free XHD 15W/40	4.5	Refer to Main Dealer	24	From Transm	-
3000 Star NRG	D	Ring Free XHD 15W/40	4.5	Refer to Main Dealer	28	From Transm	-
Quasar 70, 85	D	Ring Free XHD 15W/40	7	Refer to Main Dealer	25.5	From Transm	-
60SN, 70SN (Maxter)	D / DT	Ring Free XHD 15W/40	a	Refer to Main Dealer	15.9	From Transm	-
60RS, 70RS, 70 RS REV (Maxter)	D / DT	Ring Free XHD 15W/40	a	Refer to Main Dealer	15.9	From Transm	-

- a. Capacity unquoted:

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C142	1983-	D	Super Farm Universal 10W/30	2.2	Liquimatic JDF	17	From Transm	-
C144	1983-	D	Super Farm Universal 10W/30	2.2	Liquimatic JDF	17	From Transm	-
C172	1985-	D	Super Farm Universal 10W/30	2.2	Liquimatic JDF	17	From Transm	-
C172 HST	1987-	D	Super Farm Universal 10W/30	2.7	Liquimatic JDF a	17	From Transm	-
C174	1985-	D	Super Farm Universal 10W/30	2.2	Liquimatic JDF	17	From Transm	-
C174 HST	1987-	D	Super Farm Universal 10W/30	2.7	Liquimatic JDF a	17	From Transm	-
E2302	1985-	D	Super Farm Universal 10W/30	3.5	Liquimatic JDF	22	From Transm	-
E2304	1985-	D	Super Farm Universal 10W/30	3.5	Liquimatic JDF	22	From Transm	-

- a. Hydrostatic transmission

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Wheeled Tractors

HINOMOTO

Make/Model	Engine	Transmission	Hydraulics	
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General Notes

1. Super Farm Universal 10W/30 suitable for all applications except hydrostatic (HST) transmissions

HOLDER

A50, C50	1982-	D	Ring Free XHD 15W/40	6	Liquimatic JDF	10.3/6.3 a	Liquimatic HV68	14
A50T, A60T, A65T, C500T	1982-	DT	Ring Free XHD 15W/40	6	Liquimatic JDF	10.3/6.3 a	Liquimatic HV68	14
A550, A630, C650, C5000	1990-	D	Ring Free XHD 15W/40	10.5	Liquimatic JDF	10.3/6.3 a	Liquimatic HV68	18
A60, A62	1982-	D	Ring Free XHD 15W/40	6	Liquimatic JDF	10/6.2 a	Liquimatic HV68	14
A440	1990-	D	Ring Free XHD 15W/40	7	Liquimatic JDF	6.3/8	Liquimatic HV68	18
A440S	1990-	D	Ring Free XHD 15W/40	7	Liquimatic JDF	6.3/8	Liquimatic HV68	18
A560T, A660T, C560T, C660T	1990-	DT	Ring Free XHD 15W/40	10.5	Liquimatic JDF	10.3/6.3 a	Liquimatic HV68	18
A650	1990-	D	Ring Free XHD 15W/40	12	Liquimatic JDF	6.3/8	Liquimatic HV68	18
A760	1994-	DT	Ring Free XHD 15W/40	12	Liquimatic JDF	9.5	Liquimatic HV46	18
A860	1994-	DT	Ring Free XHD 15W/40	12	-	-	Liquimatic HV46	18
C30	1996-	D / DT	Ring Free XHD 15W/40	4	From Hydraulics	-	Liquimatic HV46	7
C220	1996-	D	Ring Free XHD 15W/40	3.9	From Hydraulics	-	Liquimatic HV46	17
C230	1996-	DT	Ring Free XHD 15W/40	4.5	From Hydraulics	-	Liquimatic HV46	17
C240	1996-	DT	Ring Free XHD 15W/40	4.5	From Hydraulics	-	Liquimatic HV46	17
C330	1996-	D	Super Farm Universal 10W/30	4.5	From Hydraulics	-	Liquimatic HV46	17
C340	1996-	DT	Super Farm Universal 10W/30	4.5	From Hydraulics	-	Liquimatic HV46	17
C440	1990-	D	Ring Free XHD 15W/40	7	Liquimatic JDF	6.3/8	Liquimatic HV46	18
C660	1990-	D	Ring Free XHD 15W/40	12	Liquimatic JDF	6.3/8	Liquimatic HV68	18
C760	1994-	DT	Ring Free XHD 15W/40	12	Liquimatic JDF	9.5/11	Liquimatic HV46	18
C860	1994-	DT	Ring Free XHD 15W/40	12	Liquimatic JDF	11.2	Liquimatic HV46	18
C5000 Turbo	1990-	DT	Ring Free XHD 15W/40	10.5	Liquimatic JDF	10.3/6.3 a	Liquimatic HV68	18
C9600	1996-	D / DT	Ring Free XHD 15W/40	8.8	From Hydraulics	-	Liquimatic HV46	18
C9700		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	-	Liquimatic HV46	45-50
C9700H	1996-	D / DT	Ring Free XHD 15W/40	8.8	From Hydraulics	-	Liquimatic HV46	18/35
C9.72		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	-	Liquimatic HV46	45-50
C9800H	1990-	D / DT	Ring Free XHD 15W/40	12	From Hydraulics	-	Liquimatic HV46	45/50
C9.72H		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	-	Liquimatic HV46	45-50
C9.78H		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	-	Liquimatic HV46	45-50
C9.83H		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	-	Liquimatic HV46	45-50
C9.88H		D / DT	Ring Free XHD 15W/40	12.5	Liquimatic JDF	-	Liquimatic HV46	45-50
5.58		D / DT	Ring Free XHD 15W/40	7.5/8.25	-	-	Liquimatic HV46	18
5.58P		D / DT	Ring Free XHD 15W/40	7.5/8.25	-	-	Liquimatic HV46	18
P20	1985-	D	Ring Free XHD 15W/40	6	Liquimatic JDF	4	Liquimatic HV68	4
P22HA	1990-	D / DT	Ring Free XHD 15W/40	3.1	Liquimatic JDF	14	From Transm	-
P70	1990-	D	Ring Free XHD 15W/40	9	From Hydraulics	-	Liquimatic HV68	18
P70A	1990-	D / DT	Ring Free XHD 15W/40	9	From Hydraulics	-	Liquimatic HV68	18

a. Front gearbox/Rear gearbox

General Notes

1. Super Farm Universal 10W/30 approved for all applications

HURLIMANN

Elite H6115 E/M	1995-	D	Ring Free XHD 15W/40	15	Liquimatic JDF	75	From Transm	-
Elite H6135	1995-	DT	Ring Free XHD 15W/40	15	Liquimatic JDF	75	From Transm	-
H-305XE, H-306XE, H-307XE, H-355XE		D / DT	Ring Free XHD 15W/40	8.8	Liquimatic JDF	41	From Transm	-
H-361 XF		D / DT	Ring Free XHD 15W/40	7.7	Liquimatic JDF	33	From Transm	-
H-365F-XE, H-375F-XE		D / DT	Ring Free XHD 15W/40	8.8	Liquimatic JDF	41	From Transm	-
H-468.4 Club		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	52	From Transm	-
H-468 Prestige, H-478 Prestige, H-488T Prestige		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	52	From Transm	-
H-476 XF		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	33	From Transm	-
H-478.4		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	52	From Transm	-
H-478.4 Gamma 1.5		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	52	From Transm	-
H-481 XF		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	33	From Transm	-
H-491 XF		D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	33	From Transm	-
Master H6165, H6190	1995-	DT	Ring Free XHD 15W/40	15	Liquimatic JDF	108	From Transm	-
Prince 325		D / DT	Ring Free XHD 15W/40	5.1	Liquimatic JDF	21	From Transm	-
Prince 325 XV		D / DT	Ring Free XHD 15W/40	5.1	Liquimatic Super ATF	28	From Transm	-
Prince 335		D / DT	Ring Free XHD 15W/40	7.1	Liquimatic JDF	21	From Transm	-

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Wheeled Tractors

HURLIMANN

Make/Model	Engine	Transmission	Hydraulics	
Prince 435, Prince 435 Heavy Duty	D / DT Ring Free XHD 15W/40	7.1	Liquimatic JDF	21 From Transm -
Prince 445, Prince 450	D / DT Ring Free XHD 15W/40	7.1	Liquimatic JDF	21 From Transm -
SX 1200, SX 1350, SX 1500, SX 1600, SX 1800, SX 2000	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	113 From Transm -
XA 655, XA 656	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41 From Transm -
XA 657, XA 658	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
XF-55, XF-70, XF-75, XF-90, XF-100 (XF-H Series)	DT Ring Free XHD 15W/40	7.7/12.0	Liquimatic JDF	41.0 From Gearbox -
XN-706	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41 From Transm -
XN-707, XN-708, XN-709	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
XT 908, 909, 910-4	1995- D / DT Ring Free XHD 15W/40	11	Liquimatic JDF	71 From Transm -
XT 910-6	1995- D Ring Free XHD 15W/40	15	Liquimatic JDF	71 From Transm -
XT-911, XT-913	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	75 From Transm -

General Notes

1. Super Farm Universal 10W/30 is not recommended for any application

IMT

539	1982-	D	Super Farm Universal 10W/30	7	Liquimatic JDF	30	From Transm	-
542 DL, 549 DL	1984-	D	Super Farm Universal 10W/30	7	Liquimatic JDF	35.5	From Transm	-
560 DL, 560 DVDL	1984-	D	Super Farm Universal 10W/30	6.5	Liquimatic JDF	35.5	From Transm	-
569 DL, 569 DVDL	1984-	D	Super Farm Universal 10W/30	6.5	Liquimatic JDF	35.5	From Transm	-
577, 577 DL, 577 DVDL	1983-	D	Super Farm Universal 10W/30	8	Liquimatic JDF	35.5	From Transm	-
585 DL, 585 DVDL	1989-	DT	Super Farm Universal 10W/30	8	Liquimatic JDF	35.5	From Transm	-

ISEKI

SX 75	1986-	D	Ring Free XHD 20	9	EP 80W/90	52	From Transm	-
SX 95	1986-	D	Ring Free XHD 20	16	EP 80W/90	52	From Transm	-
T 6500 F	1983-	D	Ring Free XHD 20	9	EP 80W/90	35	From Transm	-
TA 530	1988-	D	Ring Free XHD 20	4.3	EP 80W/90	25	From Transm	-
TA 537	1989-	D	Ring Free XHD 20	7	EP 80W/90	29	From Transm	-
TA 545	1989-	D	Ring Free XHD 20	7	EP 80W/90	32	From Transm	-
TD 4451	1986-	D	Ring Free XHD 20	6	EP 80W/90	45	From Transm	-
TE 3210 F	1983-	D	Ring Free XHD 20	3	EP 80W/90	17	From Transm	-
TE 4270 F	1983-	D	Ring Free XHD 20	4.8	EP 80W/90	34	From Transm	-
TE 4320, TE 4320F, TE 4370, TE 4370F	1984-	D	Ring Free XHD 20	7.1	EP 80W/90	45	From Transm	-
TK 538HST	2004-	D / DT	Super Farm Universal 10W/30	b	Liquimatic JDF	b	From Transm	-
TK 546 (Shuttle transm)	2004-	D / DT	Super Farm Universal 10W/30	b	Super Farm Universal 10W/30	b	From Transm	-
TK 546 (Elect/hyd power shuttle transm)	2004-	D / DT	Super Farm Universal 10W/30	b	Super Farm Universal 10W/30	b	From Transm	-
TM 330	2004-	D / DT	Super Farm Universal 10W/30	b	Liquimatic JDF	b	From Transm	-
TU 318	1988-	D	Ring Free XHD 20	3.1	EP 80W/90	12	From Transm	-
TU 320	1988-	D	Ring Free XHD 20	4.3	EP 80W/90	17	From Transm	-
TU 324	1988-	D	Ring Free XHD 20	4.3	EP 80W/90	17	From Transm	-
TX 2140, TX 2140F, TX 2160, TX 2160F	1981-	D	Ring Free XHD 20	3	EP 80W/90 a	12	From Transm	-
TX 2160 HST	1985-	D	Ring Free XHD 20	3	Liquimatic JDF	12	From Transm	-
TXG 23FH	2004-	D / DT	Super Farm Universal 10W/30	2.6	Liquimatic JDF	11	From Transm	-
TXG 23TH	2004-	D / DT	Super Farm Universal 10W/30	2.6	Liquimatic JDF	11	From Transm	-

- a. Sole recommendation: Super Farm Universal 10W/30
- b. Capacity unquoted:
- c. Power Steering: Liquimatic Super ATF
- d. Also suitable: Lodexol Ultra Drive 80W/90

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Wheeled Tractors

JCB

Make/Model	Engine	Transmission	Hydraulics	
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JCB

125, 125-65 (Fastrac)	1991-	D	Ring Free XHD 15W/40 f	12.5	Liquimatic JDF a	10	Triad 32 d	60
135, 135-65, 155, 155-65 (Fastrac)	1993-	DT	Ring Free XHD 15W/40 f	16.5	EP 80W/90 ab	10	Triad 32 d	60
185, 185-65 (Fastrac)	1994-	DT	Ring Free XHD 15W/40 f	15	Super Farm Universal 10W/30	38	Triad 32 d	75
1115, 1135 (Fastrac)	1995-	D	Ring Free XHD 15W/40 f	10	Super Farm Universal 10W/30	38	Triad 32 d	75
2115, 2125, 2135, 2150 (Fastrac)	1999-	D / DT	Ring Free XHD 15W/40 f	16.5	Super Farm Universal 10W/30	38	Triad 32 d	75
3155 (Fastrac)	1999-	D / DT	Ring Free XHD 15W/40 f	16.5	Super Farm Universal 10W/30	38	Triad 32	75
3190 (Fastrac)	2002-	DT	Ring Free XHD Plus 15W/40 f	15	Super Farm Universal 10W/30 e	42	Triad 32 d	120
3185 (Fastrac)	1999-	D / DT	Ring Free XHD 15W/40 f	15	Super Farm Universal 10W/30	38	Triad 32	75
3220 (Fastrac)	2002-	DT	Ring Free XHD Plus 15W/40 f	15	Super Farm Universal 10W/30 e	42	Triad 32 d	120

a. Combined range change and PTO gearbox (to 636000): 20 ltr., Liquimatic JDF / Super Farm Universal 10W/30

b. Combined PTO, Speed and Range change boxes (from 636001): 38 ltr., Super Farm Universal 10W/30

c. Front drive axle: 11.5 ltr., reduction hubs: 1.5 ltr. each side

d. Alternative recommendations: >38°C, Liquimatic HV 46

e. PTO, speed and range boxes combined

f. Super Farm Universal 10W/30 also suitable for engines

General Notes

1. Use only Super Farm Universal 10W/30 oil in new or reconditioned Perkins engines during first 100 hrs. operation

JOHN DEERE

670	1990-	D	Ring Free XHD 15W/40 mm	2.6	Liquimatic JDF	15	From Transm	-
840, 940		D	Ring Free XHD 15W/40 mm	7.0	Liquimatic JDF	28.0/49.0	From Transm	-
755/855	1986-	D	Ring Free XHD 15W/40 mm	3.2/3.9	Liquimatic JDF	17	From Transm	-
955	1989-	D	Ring Free XHD 15W/40 mm	4.2	Liquimatic JDF	17	From Transm	-
1070	1991-	D	Ring Free XHD 15W/40 mm	5.3	Liquimatic JDF	21	From Transm	-
1830, 2030, 2130	1982-	D / DT	Ring Free XHDS 10W/40 mm	8.5	Liquimatic JDF	28	From Transm	-
2150		D / DT	Ring Free XHD Plus 15W/40 mm	7	Liquimatic JDF n	34/51	From Transm	-
2155		D / DT	Ring Free XHD Plus 15W/40 mm	6.5	Liquimatic JDF n	28/51	From Transm	-
2350		D / DT	Ring Free XHD Plus 15W/40 mm	8.5	Liquimatic JDF n	34/51	From Transm	-
2355		D / DT	Ring Free XHD Plus 15W/40 mm	8.5	Liquimatic JDF n	34/51	From Transm	-
2555		D / DT	Ring Free XHD Plus 15W/40 mm	10.5	Liquimatic JDF n	28/53	From Transm	-
2750		D / DT	Ring Free XHD Plus 15W/40 mm	8.5	Liquimatic JDF n	56	From Transm	-
2755		D / DT	Ring Free XHD Plus 15W/40 mm	10.5	Liquimatic JDF n	48/53	From Transm	-
2520 (From S/N 106001) (20 Series Compact Tractors)		D / DT	Ring Free XC 10W/30 ymm	2.8	From Hydraulics	-	Liquimatic JDF z	14.6
3120 PowrReverser, 3120 eHydro (20 Series Compact Tractors)		D / DT	Ring Free XHDS 10W/40 mmm	4.8	From Hydraulics	-	Liquimatic JDF z	23.8/25.7 aa
3320 PowrReverser, 3320 eHydro (20 Series Compact Tractors)		D / DT	Ring Free XHDS 10W/40 mmm	4.8	From Hydraulics	-	Liquimatic JDF z	23.8/25.7 aa
3520 PowrReverser, 3520 eHydro (20 Series Compact Tractors)		D / DT	Ring Free XHDS 10W/40 mmm	4.8	From Hydraulics	-	Liquimatic JDF z	23.8/25.7 aa
3720 PowrReverser, 3720 eHydro (20 Series Compact Tractors)		D / DT	Ring Free XHDS 10W/40 mmm	5.7	From Hydraulics	-	Liquimatic JDF z	23.8/25.7 aa
4120 PowReverser, 4120 eHydro (From S/N 120101) (20 Series Compact Tractors)		DT	Ring Free XHDS 10W/40 mmm	7.5	From Hydraulics	-	Liquimatic JDF z	38.9/36.1 aa
4320 PowReverser, 4320 eHydro (From S/N 130101) (20 Series Compact Tractors)		DT	Ring Free XHDS 10W/40 mmm	7.5	From Hydraulics	-	Liquimatic JDF z	38.9/36.1 aa
4520 PowReverser, 4520 eHydro (From S/N 150101) (20 Series Compact Tractors)		DT	Ring Free XHDS 10W/40 mmm	7.5	From Hydraulics	-	Liquimatic JDF z	38.9/36.1 aa
4720 PowReverser, 4720 eHydro (From S/N 170101) (20 Series Compact Tractors)		DT	Ring Free XHDS 10W/40 mmm	7.5	From Hydraulics	-	Liquimatic JDF z	38.9/36.1 aa

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Wheeled Tractors

JOHN DEERE

Make/Model	Engine	Transmission	Hydraulics	
3030, 3130	1982- D / DT Ring Free XHDS 10W/40 mm	11.5 Liquimatic JDF	49	From Transm -
3100	1995- D Ring Free XHD 15W/40 mm	7	Refer to Main Dealer	53/57 From Transm -
3110	1998- DT Ring Free XHD 15W/40 mm	7	Refer to Main Dealer	53-56 From Transm -
3200	1995- D Ring Free XHD 15W/40 mm	9	Refer to Main Dealer	53/57 From Transm -
3210	1998- DT Ring Free XHD 15W/40 mm	9	Refer to Main Dealer	53-56 From Transm -
3300	1995- D Ring Free XHD 15W/40 mm	9	Refer to Main Dealer	56/60 From Transm -
3310	1998- DT Ring Free XHD 15W/40 mm	9	Refer to Main Dealer	57-60 From Transm -
3400	1995- DT Ring Free XHD 15W/40 mm	11	Refer to Main Dealer	56/60 From Transm -
3410	1998- DT Ring Free XHD 15W/40 mm	11	Refer to Main Dealer	57-60 From Transm -
4210	2002- DT Ring Free XHD 15W/40 pmm	3.8	Liquimatic HY	24/26 From Transm -
4310, 4410	2002- DT Ring Free XHD 15W/40 pmm	4.3	Liquimatic HY	24/26 From Transm -
5103, 5203, 5303	2003- D / DT Ring Free XHDS 10W/40 emmm	8.5	Liquimatic JDF n	38 From Transm -
5105	D / DT Ring Free XHDS 10W/40 emm	7.5	Liquimatic JDF	32.9 From Gearbox -
5200	D / DT Ring Free XHDS 10W/40 emm	8.5	Liquimatic JDF	37.9/41.6 From Gearbox -
5205	D / DT Ring Free XHDS 10W/40 emm	7.5	Liquimatic JDF	32.9 From Gearbox -
5215, 5315	2003- DT Ring Free XHD 15W/40 emm	8.5	Liquimatic JDF	36 h From Transm -
5225, 5325	2005- D / DT Ring Free XHDS 10W/40 mmm	10	Liquimatic JDF ddn	39 From Transm -
5300/5300N	1996- D Ring Free XHD 15W/40 mm	6	Liquimatic JDF	43 From Transm -
5310	2001- D Ring Free XHD 15W/40 mm	8.5	Liquimatic JDF	36-43 From Transm -
5400/5400N	1996- DT Ring Free XHD 15W/40 mm	8.5	Liquimatic JDF	43 From Transm -
5410	2001- DT Ring Free XHD 15W/40 mm	8.5	Liquimatic JDF	36-43 From Transm -
5415	2003- D Ring Free XHD 15W/40 emm	8	Liquimatic JDF	36 h From Transm -
5425, 5525	2005- D / DT Ring Free XHDS 10W/40 mmm	8.5	Liquimatic JDF ddn	39 From Transm -
5500N	1996- DT Ring Free XHD 15W/40 mm	8.5	Liquimatic JDF	43 From Transm -
5510	2001- DT Ring Free XHD 15W/40 mm	8	Liquimatic JDF	36-43 From Transm -
5515	2003- DT Ring Free XHD 15W/40 emm	8	Liquimatic JDF	36 h From Transm -
5620, 5720, 5820	2002- D / DT Ring Free Ultra 10W/40 cfm	13	Liquimatic JDF g	50-52 From Transm -
6010SE	1998- D Ring Free XHD 15W/40 mm	12	Liquimatic JDF	49-52 From Transm -
6010SE	2000- D Ring Free XHD 15W/40 cmm	12	Liquimatic JDF n	49-52 From Transm -
6020	2001- D Ring Free XHD 15W/40 mm	16	Liquimatic JDF	50-65 From Transm -
6020SE, 6120SE, 6220SE, 6320SE, 6420SE	2003- D / DT Ring Free XHD 15W/40 cmm	12	Liquimatic JDF	49-56 From Transm -
6100	1992- D Ring Free XHD 15W/40 mm	12	Liquimatic JDF	47/57 From Transm -
6110	1997- D Ring Free XHD 15W/40 mm	12	Liquimatic JDF	50 From Transm -
6110SE	2000- D Ring Free XHD 15W/40 cmm	12	Liquimatic JDF n	50 From Transm -
6120	2001- DT Ring Free XHD 15W/40 mm	16	Liquimatic JDF	50-65 From Transm -
6200, 6300, 6400	1992- DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	47/57 From Transm -
6210	1997- DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	50 From Transm -
6210SE	1998-03 DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	49-52 From Transm -
6210SE	2000- D Ring Free XHD 15W/40 cmm	12	Liquimatic JDF n	50 From Transm -
6215 (Tier I engines)	2004- DT Ring Free XHD 15W/40 cjm	12/16	From Hydraulics	- Liquimatic JDF n 52 ee
6220	2001- DT Ring Free XHD 15W/40 mm	16	Liquimatic JDF	50-65 From Transm -
6310	1997- DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	50 From Transm -
6310SE	1998-03 DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	49-52 From Transm -
6310SE	2000- D Ring Free XHD 15W/40 cmm	12	Liquimatic JDF n	50 From Transm -
6320	2001- DT Ring Free XHD 15W/40 mm	16	Liquimatic JDF	50-65 From Transm -
6403 (Tier II)	2002- DT Ring Free XHD Plus 15W/40 jmtmm	12	From Hydraulics	- Liquimatic JDF n 58
6410	1997- DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	50 From Transm -
6603 (Tier II)	2002- DT Ring Free XHD Plus 15W/40 jmtmm	19	From Hydraulics	- Liquimatic JDF n 58
6410SE	1998-03 DT Ring Free XHD 15W/40 mm	12	Liquimatic JDF	49-52 From Transm -
6410SE	2000- D Ring Free XHD 15W/40 cmm	12	Liquimatic JDF n	50 From Transm -
6415 (Tier II engines)	2004- DT Ring Free XHD 15W/40 cjtmm	16	From Hydraulics	- Liquimatic JDF n 52 ee
6420, 6420S	2001- DT Ring Free XHD 15W/40 mm	16	Liquimatic JDF	50-65 From Transm -
6506	1995- D Ring Free XHD 15W/40 mm	17	Liquimatic JDF	51 From Transm -

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Make/Model	Engine	Transmission	Hydraulics	
6510	1997-01 D Ring Free XHD 15W/40 mm 18	Liquimatic JDF	51	From Transm -
6510SE	1998- D Ring Free XHD 15W/40 mm 18	Liquimatic JDF	49-52	From Transm -
6510 (266767 -), 6610 (266767 -) (PowrQuad and AutoQuad II)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	52 ee	From Transm -
6510 (266767 -), 6610 (266767 -) (AutoPowr)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	60 ee	From Transm -
6515 (Tier I engines)	2004- DT Ring Free XHD 15W/40 cjmm	From Hydraulics	-	Liquimatic JDF n 52 ee
6515 (Tier II engines)	2004- DT Ring Free XHD 15W/40 cjmm	From Hydraulics	-	Liquimatic JDF n 52 ee
6520 (up to Serial No. 382763)	2001- D Ring Free XHD 15W/40 mm 19.5	Liquimatic JDF	52-65	From Transm -
6520 (from Serial No. 382764)	2003- D Ring Free XHD 15W/40 ctnm	Liquimatic JDF ns	52-65	From Transm -
6520SE	2003- D Ring Free XHD 15W/40 mm 20	Liquimatic JDF	49-56	From Transm -
6600	1993- DT Ring Free XHD 15W/40 mm 14	Liquimatic JDF	53	From Transm -
6610	1997-01 DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	53	From Transm -
6610SE	1998- DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	49-52	From Transm -
6615 (Tier II engines)	2004- DT Ring Free XHD 15W/40 cjmm	From Hydraulics	-	Liquimatic JDF n 52 ee
6620 (up to Serial No. 382763)	2001- DT Ring Free XHD 15W/40 mm 19.5	Liquimatic JDF	52-65	From Transm -
6620 (from Serial No. 382764)	2003- D Ring Free XHD 15W/40 ctnm	Liquimatic JDF ns	52-65	From Transm -
6715 (Tier I engines)	2004- DT Ring Free XHD 15W/40 cjmm	From Hydraulics	-	Liquimatic JDF n 52 ee
6800, 6900	1993- DT Ring Free XHD 15W/40 mm 16	Liquimatic JDF	56	From Transm -
6810	1997-01 DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	56	From Transm -
6810 (266767 -) (Power Shift)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	65 ee	From Transm -
6810 (266767 -) (AutoPowr)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	66 ee	From Transm -
6810 (266767 -), (PowrQuad and AutoQuad II)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	56 ee	From Transm -
6820 (up to Serial No. 382763)	2001- DT Ring Free XHD 15W/40 mm 19.5	Liquimatic JDF	56-70	From Transm -
6820 (from Serial No. 382764)	2003- D Ring Free XHD 15W/40 ctnm	Liquimatic JDF ns	56-70	From Transm -
6910	1997-01 DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	56	From Transm -
6910 (266767 -), 6910S (Power Shift)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	65 ee	From Transm -
6910 (266767 -), 6910S (PowrQuad and AutoQuad II)	2001- DT Ring Free XHD 15W/40 c 19.5	Liquimatic JDF n	56 ee	From Transm -
6920, 6920S (up to Serial No. 382763)	2001- DT Ring Free XHD 15W/40 mm 19.5	Liquimatic JDF	56-70	From Transm -
6920 (from Serial No. 382764)	2003- D Ring Free XHD 15W/40 ctnm	Liquimatic JDF ns	56-70	From Transm -
6920S (from Serial No. 382764)	2003- D Ring Free XHD 15W/40 ctnm	Liquimatic JDF ns	56-70	From Transm -
7220	2003- DT Ring Free XHD 15W/40 cetmm	From Hydraulics	-	Liquimatic JDF n 52
7320	2003- DT Ring Free XHD 15W/40 cetmm	From Hydraulics	-	Liquimatic JDF n 52
7420	2003- DT Ring Free XHD 15W/40 cetmm	From Hydraulics	-	Liquimatic JDF n 56
7520	2003- DT Ring Free XHD 15W/40 cetmm	From Hydraulics	-	Liquimatic JDF n 56
7600	1992- DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	98/102	From Transm -
7610	1997- DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	98/102	From Transm -
7610	2003- DT Ring Free XHD 15W/40 cemmm	Liquimatic JDF	87-102.3	From Transm -
7700	1992- DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	98/102	From Transm -
7710	1997-02 DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	98/102	From Transm -
7710, 7810	2003- DT Ring Free XHD 15W/40 cemmm	Liquimatic JDF	87-102.3	From Transm -
7720	2003- DT Ring Free XHD 15W/40 jkmm	Liquimatic JDF n	108	From Transm -
7720 AutoQuad Plus	2004- DT Ring Free XHD 15W/40 emmm	From Hydraulics	-	Liquimatic JDF n 108
7720 (IVT)	2004- DT Ring Free XHD 15W/40 emmm	From Hydraulics	-	Liquimatic JDF n 108
7720 PowrQuad Plus	2004- DT Ring Free XHD 15W/40 emmm	From Hydraulics	-	Liquimatic JDF n 108
7800	1992- DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	98/102	From Transm -
7810	1997- DT Ring Free XHD 15W/40 mm 18	Liquimatic JDF	98/102	From Transm -
7820, 7920	2003- DT Ring Free XHD 15W/40 jkmm	Liquimatic JDF n	108	From Transm -

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Make/Model	Engine	Transmission	Hydraulics	
7820 AutoQuad Plus	2004- DT Ring Free XHD 15W/40 emmm	24 From Hydraulics	-	Liquimatic JDF n 108
7820 (IVT)	2004- DT Ring Free XHD 15W/40 emmm	24 From Hydraulics	-	Liquimatic JDF n 108
7820 PowrQuad Plus	2004- DT Ring Free XHD 15W/40 emmm	24 From Hydraulics	-	Liquimatic JDF n 108
7920 AutoQuad Plus	2004- DT Ring Free XHD 15W/40 emmm	24 From Hydraulics	-	Liquimatic JDF n 108
7920 (IVT)	2004- DT Ring Free XHD 15W/40 emmm	24 From Hydraulics	-	Liquimatic JDF n 108
7920 PowrQuad Plus	2004- DT Ring Free XHD 15W/40 emmm	24 From Hydraulics	-	Liquimatic JDF n 108
8130 2WD, 8130 MFWD, 8130 ILS (8030 Series)	2005- DT Ring Free VS Plus 15W/40 mbbmm	24/24.5 From Hydraulics	-	Liquimatic JDF n 150
8230 MFWD, 8230 ILS (8030 Series)	2005- DT Ring Free VS Plus 15W/40 mbbmm	24/24.5 From Hydraulics	-	Liquimatic JDF n 150
8330 MFWD, 8330 ILS (8030 Series)	2005- DT Ring Free VS Plus 15W/40 mbbmm	24/24.5 From Hydraulics	-	Liquimatic JDF n 150
8430 MFWD, 8430 ILS (8030 Series)	2005- DT Ring Free VS Plus 15W/40 mbbmm	25.5/28 From Hydraulics	-	Liquimatic JDF n 150
8530 ILS (8030 Series)	2005- DT Ring Free VS Plus 15W/40 mbbmm	28 From Hydraulics	-	Liquimatic JDF n 150
8100	1994- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
8110	1999- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
8120	2001- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
8130, 8230, 8330	2006- DT Ring Free VS Plus 15W/40 mbbmm	24/24.5 ii From Hydraulics	-	Liquimatic JDF n 150/160 ii
8200	1994- DT Ring Free XHD 15W/40 mm	23.5 Liquimatic JDF	140	From Transm -
8430, 8530	2006- DT Ring Free VS Plus 15W/40 mbbmm	25.5/28 ii From Hydraulics	-	Liquimatic JDF n 150/160 ii
8210	1999- DT Ring Free XHD 15W/40 mm	23.5 Liquimatic JDF	140	From Transm -
8220	2001- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
8300	1994- DT Ring Free XHD 15W/40 mm	25 Liquimatic JDF	140	From Transm -
8310	1999- DT Ring Free XHD 15W/40 mm	25 Liquimatic JDF	140	From Transm -
8320	2001- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
8400	1994- DT Ring Free XHD 15W/40 mm	28 Liquimatic JDF	140	From Transm -
8410	1999- DT Ring Free XHD 15W/40 mm	27 Liquimatic JDF	140	From Transm -
8420	2001- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
8430	2001- D / DT Ring Free XHDS 10W/40 mm	19/21 Liquimatic JDF	90/106	From Transm -
8520	2001- DT Ring Free XHD 15W/40 mm	21.5 Liquimatic JDF	140	From Transm -
9120 Articulated	2002- DT Ring Free XHD 15W/40 eftmm	26.5 Liquimatic JDF vw	vw	Liquimatic JDF 103-117
9300 Articulated	1999- DT Ring Free XHD 15W/40 mm	42 Liquimatic JDF	139-147	Liquimatic JDF 68-76
9220 Articulated	2002- DT Ring Free XHD 15W/40 eftmm	42 Liquimatic JDF vw	vw	Liquimatic JDF 103-117
9320 Articulated	2001- DT Ring Free XHD 15W/40 mm	42 Liquimatic JDF	138	Liquimatic JDF 106
9400 Articulated	1999- DT Ring Free XHD 15W/40 mm	42 Liquimatic JDF	139-147	Liquimatic JDF 68-76
9420 Articulated	2001- DT Ring Free XHD 15W/40 mm	42 Liquimatic JDF	138	Liquimatic JDF 106
9520 Articulated	2001- DT Ring Free XHD 15W/40 mm	42 Liquimatic JDF	138	Liquimatic JDF 106
9620 Articulated	2002- DT Ring Free XHD 15W/40 eftmm	42 Liquimatic JDF x	134/138	Liquimatic JDF 103-117

- a. Alternative recommendations: EP 80W-90
- b. Front axle differential: 6.6 ltr; final drive housings, 6506, 6600, 6800: 0.8 ltr, 6900: 2.2 ltr
- c. Alternative recommendations: -20°C to 40°C, 10W-40; -15°C to 50°C, 15W-40
- d. Standard/Hi-clearance
- e. The use of Ring Free VS Plus 15W/40 with John Deere filter allows oil drain interval to be increased by 50%
- f. E2, E3 or CG-4 can be used but oil drain interval reduced to 250 hours
- g. Do not use Liquimatic HY on tractors with AutoPowr
- h. Front Wheel Drive: 43 ltr / 38 ltr ltr
- i. Without / with cab
- j. Engine oil drain interval can be increased to 500 hours if John Deere Plus-50 / E4+E5 oil with John Deere filters are used
- k. Alternative recommendations, Engine: -40°C to 50°C, 5W-40; -30°C to 40°C, 5W-30; -20°C to 50°C, 10W-40; -15°C to 50°C, 15W-40; 0°C to 40°C, 30
- m. Alternative recommendations, Engine: -20°C to 50°C, 15W-40; -25°C to 50°C, 10W-40; -25°C to 40°C, 10W-30; -30°C to 40°C, 15W-30; -40°C to 50°C, 0W-40; 0°C to 40°C, 30
- n. Alternative recommendations, Transmission & Hydraulics: -25°C to 50°C, Liquimatic JDF; -40°C to 30°C, Liquimatic HY
- p. Alternative recommendations, Engine: -30°C to 30°C, 5W-30; -20°C to 30°C, 10W-30; -15°C to 50°C, 15W-40; 0°C to 50°C, 30
- q. Alternative recommendations, Gears (oil): -10°C to 50°C, 85W-140; -25°C to 50°C, 80W-140; -25°C to 40°C, 80W-90; -40°C to 40°C, 75W-90
- r. The use of John Deere Plus-50 / E4+E5 oils with John Deere filters allow oil drain intervals to be increased by 50 hours
- s. On tractors with AutoPowr, do not use Liquimatic HY or low viscosity HY-GARD
- t. The use of E4/E5 allows oil drain interval to be increased by 50%
- u. Alternative recommendations, Grease Points: -30°C to 10°C, 0; -20°C to 30°C, 1; -10°C to 50°C, 2
- v. Sole recommendation 18 speed Powershift transmission: 134 ltr / 131 ltr ltr, Liquimatic JDF
- w. 24 Speed POWERSYNC Transmission: 129 ltr / 131 ltr ltr, Liquimatic JDF
- x. Powershift Transmission (18 speed): Liquimatic JDF
- y. Alternative recommendations, Engine: -7°C to 40°C, 10W-30
- z. Alternative recommendations, Hydraulics: -40°C to 40°C, Liquimatic HY; -18°C to 50°C, Liquimatic JDF
- aa. PowrReverser / eHydro
- bb. Engine oil specification and change interval alternatives: Fuel sulfur; 1000-5000 ppm using standard oil and filter 250 hours, using premium oil and JD filter 375 hours. Fuel sulfur; 5000-10000 ppm using standard oil and filter 150 hours, using premium oil and JD filter 250 hours. Standard oils include API CI-4 Plus, CI-4, ACEA E4 and E5. Premium oils include JD Plus 50, ACEA E6 and E7

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
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- cc. 12 speed / 24 speed
 dd. SyncShuttle
 ee. With front wheel drive add 3 ltr, Creeper Transmission add 1 ltr, TLS axle (except 7220) add 3 ltr, Hi-Crop axle (7420 only) add 0.8 ltr
 ff. Capacity approximated. Front axle capacities vary considerably. Fill to fill plug
 gg. With / without TLS
 hh. With / without Hi-Crop axle
 ii. MFWD / ILS
 jj. With / without brake
 kk. Axle, APL, AS 2045 / 045JD;
 mm. Additional engine oil viscosity recommendations (except 3000, 6000 and 7000 series), 20W-40; below 20°C: 10W-30; 3000, 6000 and 7000 series, -20°C to + 30°C: 10W-30
- General Notes**
1. New and overhauled engines. John Deere Engine Break-in Oil is preferred in new engines during first 100 hours operation, API CD/CE and ACEA E1/E2 may also be used if it is not available
 2. Use XEP 90 in ZF limited slip differentials fitted to front axles, if noisy
 3. All 4WD models: hub reduction units use same oil as front axle differential
 4. Super Farm Universal 10W/30 also suitable for engines and transmissions except 3000 Series transmissions

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B1410, B1610		D	Super Farm Universal 10W/30 k	2.4	Liquimatic JDF	10.5	From Transm	-
B1550, B1550HST	1989-	D	Super Farm Universal 10W/30 k	3.1	Liquimatic JDF	12/13.5 a	From Transm	-
B1700D, B1700DB, B1700HD, B1700HDB, B1700HST		D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11/12 a	From Transm	-
B1710D	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11.5	From Transm	-
B1750, -HST	1989-	D	Super Farm Universal 10W/30 k	3.1	Liquimatic JDF	12/13.5 a	From Transm	-
B20		D	Super Farm Universal 10W/30 k	3.9	Liquimatic JDF	29	From Transm	-
B21		D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	27.5	From Transm	-
B2100D, B2100DB, B2100HD, B2100HDB, B2100HST		D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11/12 a	From Transm	-
B2110D	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11.5	From Transm	-
B2110DB	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11.5	From Transm	-
B2110HDB	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	12.5	From Transm	-
B2150, B2150HST	1989-	D	Super Farm Universal 10W/30 k	4.2	Liquimatic JDF	18	From Transm	-
B2400D, B2400DB, B2400HD, B2400HDB, B2400HST		D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11/12 a	From Transm	-
B2410D	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11.5	From Transm	-
B2410DB	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	11.5	From Transm	-
B2410HDB	2001-	D	Super Farm Universal 10W/30 k	3	Liquimatic JDF	12.5	From Transm	-
B2710HDB	2001-	D	Super Farm Universal 10W/30 k	4.1	Liquimatic JDF	15.5	From Transm	-
B4200	1990-	D	Super Farm Universal 10W/30 k	2.3	Liquimatic JDF	8.5	From Transm	-
B5200		D	Super Farm Universal 10W/30 k	3.1	Liquimatic JDF	12	From Transm	-
B6200, B6200HST	1984-	D	Super Farm Universal 10W/30 k	3.1	Liquimatic JDF	12/13.5 a	From Transm	-
B7100, B7100HST	1980-	D	Super Farm Universal 10W/30 k	3.9	Liquimatic JDF	12/13.5 a	From Transm	-
B9200, B9200HST		D	Super Farm Universal 10W/30 k	4.2	Liquimatic JDF	18	From Transm	-
BX 1800		D	Super Farm Universal 10W/30 k	1.9	Liquimatic JDF	10.1	From Transm	-
BX 2200		D	Super Farm Universal 10W/30 k	2.5	Liquimatic JDF	10.1	From Transm	-
BX2200D, BX2200E		D	Super Farm Universal 10W/30 k	2.5	Liquimatic JDF h	10.1	-	-
L175		D	Super Farm Universal 10W/30 k	3.5	Liquimatic JDF	22	From Transm	-
L185		D	Super Farm Universal 10W/30 k	3.8	Liquimatic JDF	22/23 e	From Transm	-
L2201		D	Super Farm Universal 10W/30 k	4.9	Lodexol 80W/90	22	From Transm	-
L225		D	Super Farm Universal 10W/30 k	5.3	Liquimatic JDF	22	From Transm	-
L2250		D	Super Farm Universal 10W/30 k	5.7	Liquimatic JDF	28.5	From Transm	-
L235		D	Super Farm Universal 10W/30 k	6.1	Liquimatic JDF	24	From Transm	-

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Wheeled Tractors

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Make/Model		Engine		Transmission		Hydraulics	
L245		D Super Farm Universal 10W/30 k	4.9	Liquimatic JDF	22/23 e	From Transm	-
L2550		D Super Farm Universal 10W/30 k	5.7/8.5	Liquimatic JDF	28.5	From Transm	-
L2550 GST	1989-	D Super Farm Universal 10W/30 k	5.7	Liquimatic JDF	27	From Transm	-
L2850 GST		D Super Farm Universal 10W/30 k	8.5	Liquimatic JDF	27	From Transm	-
L2850, L3250	1986-	D Super Farm Universal 10W/30 k	8.5	Liquimatic JDF	28.5	From Transm	-
L2900, L2900GST		D Super Farm Universal 10W/30 k	5.5	Liquimatic JDF	39	From Transm	-
L295		D Super Farm Universal 10W/30 k	6.1	Liquimatic JDF	26/27 e	From Transm	-
L3001		D Super Farm Universal 10W/30 k	9.1	Lodexol 80W/90	26/27 e	From Transm	-
L305		D Super Farm Universal 10W/30 k	6.1	Liquimatic JDF	30/31 e	From Transm	-
L3300, L3300GST	1994-	D Super Farm Universal 10W/30 k	5.5	Liquimatic JDF	39	From Transm	-
L3350		D Super Farm Universal 10W/30 k	7.5	Liquimatic JDF	43	From Transm	-
L345		D Super Farm Universal 10W/30 k	9.1	Liquimatic JDF	30/31 e	From Transm	-
L355 SS		D Super Farm Universal 10W/30 k	9.1	Liquimatic JDF	32	From Transm	-
L3600, L4200, -GST	1994-	D Super Farm Universal 10W/30 k	7.6	Liquimatic JDF	39	From Transm	-
L3750		D Super Farm Universal 10W/30 k	9	Liquimatic JDF	43	From Transm	-
L4150	1984-	D Super Farm Universal 10W/30 k	9	Liquimatic JDF	43	From Transm	-
L4350		D Super Farm Universal 10W/30 k	6.5	Liquimatic JDF	43	From Transm	-
L4850		D Super Farm Universal 10W/30 k	8	Liquimatic JDF	43	From Transm	-
L5450	1991-	D Super Farm Universal 10W/30 k	8	Liquimatic JDF	43	From Transm	-
M4900, M5700	2001-	D Super Farm Universal 10W/30 k	8	Liquimatic JDF	40/43 f	From Transm	-
ME5700		D Super Farm Universal 10W/30 k	8	Liquimatic JDF h	40/43	From Transm	-
ME8200, ME9000		D Super Farm Universal 10W/30 k	10.7	Liquimatic JDF h	52	From Transm	-
ST 30	1994-	D Super Farm Universal 10W/30 k	4.5	Liquimatic JDF	18.5	From Transm	-
ST 35		D Super Farm Universal 10W/30 k	4.5	Liquimatic JDF	18.5	From Transm	-
ST alpha 30, ST alpha 35	2001-	D Super Farm Universal 10W/30 k	4.5	Liquimatic JDF	18.5	From Transm	-
BX 1500 (Compact Tractors)	2005-	D Super Farm Universal 10W/30 k	j	Liquimatic JDF	hj	From Transm	-
BX 1830 (Compact Tractors)	2005-	D Super Farm Universal 10W/30 k	j	Liquimatic JDF	hj	From Transm	-
BX 1850 (Compact Tractors)	2006-	D Super Farm Universal 10W/30 k	2.9	Liquimatic JDF	11.6 h	From Transm	-
BX 2230 (Compact Tractors)	2005-	D Super Farm Universal 10W/30 k	j	Liquimatic JDF	hj	From Transm	-
BX 23 (Compact Tractors)	2005-	D Super Farm Universal 10W/30 k	2.5	Liquimatic JDF	10.2 h	From Transm	-
BX 2350 (Compact Tractors)	2006-	D Super Farm Universal 10W/30 k	2.7	Liquimatic JDF	11.6 h	From Transm	-
BX 24 (Compact Tractors)	2006-	D Super Farm Universal 10W/30 k	3.1	Liquimatic JDF	11.6 h	From Transm	-

- a. Mechanical/hydrostatic transmission
- b. Bi-Speed turn: Lodexol Ultra Drive 80W/90
- c. 4WD
- d. Final drives (right and left) 4WD only: Lodexol Ultra Drive 80W/90 / Liquimatic JDF
- e. 2WD/4WD
- f. Without/with cab
- g. Alternative recommendations: Lodexol 80W-90
- h. Preferred grade: Liquimatic JDF
- i. Alternative recommendations: Alto 32
- j. Capacity unquoted:
- k. Alternative recommendations, Engine: <0°C, 10W; 0°C to 25°C, 20W; >25°C, 30

General Notes

1. Super Farm Universal 10W/30 also suitable for all applications except 'HST' and 'GST' (hydrostatic) transmissions

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Wheeled Tractors

LANDINI

Make/Model	Engine	Transmission	Hydraulics	
LANDINI				
DT10000, DT13000	1991- D Ring Free XHD 15W/40 t	18	Liquimatic JDF	81 From Transm -
DT14500	1991- DT Ring Free XHD 15W/40 t	18	Liquimatic JDF	81 From Transm -
DT65, DT75, DT85, DT95	1992- D / DT Ring Free XHD 15W/40 t	6.8/7.8	Liquimatic JDF	33 From Transm -
DT6880, DT7880, DT8880	1991- D Ring Free XHD 15W/40 t	7	Liquimatic JDF	33 From Transm -
DT9880	1991- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	33 From Transm -
R65, R75, R85	1992- D / DT Ring Free XHD 15W/40 t	6.8/7.8	Liquimatic JDF	33 From Transm -
R6880, R7880, R8880	1991- D Ring Free XHD 15W/40 t	7	Liquimatic JDF	33 From Transm -
R9880	1991- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	33 From Transm -
VM 30	1996- D Ring Free XHD 15W/40 t	7	Liquimatic JDF	33 From Transm -
6550 (50 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	34.2 From Transm -
6550, 7550, 8550 (50 Series)	D / DT Ring Free XHD 30 mt	8.1	Liquimatic JDF	24.0 From Gearbox -
7550, 8550 (50 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33.0 From Transm -
5500, 6500DT, 6500 (500 Series)	D / DT Ring Free XHD 15W/40 t	6.0	Liquimatic JDF q	21.5 From Transm -
R7500, R8500, DT7500, DT8500 (500 Series)	D / DT Ring Free XHD 15W/40 t	6.0	Liquimatic JDF q	21.5 From Transm -
R9500SP, DT9500SP (500 Series)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF s	25/28 From Transm -
5860, 6060T (60 Series)	D / DT Ring Free XHD 15W/40 t	6.7	Liquimatic JDF q	33.0 From Transm -
6860, 7860, 8860 (60 Series)	D / DT Ring Free XHD 15W/40 t	7	Liquimatic JDF q	33.0 From Transm -
9060, 7860HC, 8860HC (60 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33.0 From Transm -
5870, 6070T (70 Series)	D / DT Ring Free XHD 15W/40 t	6.7	Liquimatic JDF q	33.0 From Transm -
6870 (70 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33.0 From Transm -
7870, 8870 (70 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33.0 From Transm -
55F, 55GEK, 55L (Advantage)	1991- D Ring Free XHD 15W/40 t	7.4	Liquimatic JDF	33 From Transm -
55FP, 55LP, 55GTP, 55GE (Advantage)	D / DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF q	33 From Transm -
55GT, 60GT (Advantage)	D / DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF q	33 From Transm -
60F, 60GE, 60L (Advantage)	1991- DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	33 From Transm -
60FP, 60LP, 60GTP, 60GE (Advantage)	D / DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF q	33 From Transm -
65F, 65GE, 65GT, 65L (Advantage)	1991- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	33 From Transm -
65FL, 65GT (Advantage)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33 From Transm -
65FP, 65LP, 65GTP, 65GE (Advantage)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33 From Transm -
75F, 75GE, 75GT, 75L (Advantage)	1991- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	33 From Transm -
75FL, 75GT (Advantage)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33 From Transm -
75FP, 75LP, 75GTP, 75GE (Advantage)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33 From Transm -
85F, 85GE, 85GT, 85L (Advantage)	1991- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	33 From Transm -
85FL, 85GT (Advantage)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33 From Transm -
85FP, 85LP, 85GTP, 85GE (Advantage)	D / DT Ring Free XHD 15W/40 t	7	Liquimatic JDF q	33 From Transm -
95GT (Advantage)	1991- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	33 From Transm -
65STD, 65GT (Alpine Power Shuttle)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	35 From Transm -
75STD, 75GT (Alpine Power Shuttle)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	35 From Transm -
85STD, 85GT (Alpine Power Shuttle)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	35 From Transm -
65STD, 65GT (Alpine Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	35 From Transm -
75STD, 75GT (Alpine Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	35 From Transm -
85STD, 85GT (Alpine Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	35 From Transm -
70 (Atlantis)	2002- D / DT Ring Free XHD 15W/40 t	7	Liquimatic JDF	33 From Transm -
80 (Atlantis)	2002- D / DT Ring Free XHD 15W/40 t	7	Liquimatic JDF	34 From Transm -
90, 100 (Atlantis)	2002- D / DT Ring Free XHD 15W/40 t	7	Liquimatic JDF	36 From Transm -
70, 75, 80, 85, 90 (Atlas)	D / DT Ring Free XHD 30 j	7.0	Liquimatic JDF q	33.0 From Gearbox -
50 (Blizzard)	2000- D Ring Free XHD 15W/40 t	6.7	Liquimatic JDF	33 From Transm -
60 (Blizzard)	2000- DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF	33 From Transm -
65 (Blizzard)	2000- D Ring Free XHD 15W/40 t	6.8	Liquimatic JDF	33 From Transm -
75 (Blizzard)	2000- D Ring Free XHD 15W/40 t	6.8	Liquimatic JDF	33 From Transm -

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
85 (Blizzard)	2000- D Ring Free XHD 15W/40 t	6.8	Liquimatic JDF	33
95 (Blizzard)	2000- DT Ring Free XHD 15W/40 t	7.8	Liquimatic JDF	33
65 Climber, 65 Multitrack (Discovery)	1999- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	25
85 Climber, 85 Multitrack (Discovery)	1999- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	25
4530V, 5530V, 6030V, (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	6.5	Liquimatic JDF q	32
5530F, 6030F, (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	6.5	Liquimatic JDF q	32
5530L, 6030LT (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	6.5	Liquimatic JDF q	32
5830, 6030, 5840, 6040 (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	6.5	Liquimatic JDF q	33
6530FT, 6530VT (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	7.1	Liquimatic JDF q	33
6530L, 7530F, 7530L, 8530F, 8530L (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	7.1	Liquimatic JDF q	33
6840, 6830 (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	34.2
7830, 8830 (Frutteti 30-40 Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	34.2
5560F, 5560V, 5560VP (Frutteti 560)	D / DT Ring Free XHD 15W/40 t	6.5	Liquimatic JDF q	28.0
5560L (Frutteti 560)	D / DT Ring Free XHD 15W/40 t	6.5	Liquimatic JDF q	28.0
6060F, 6060V, 6060VP (Frutteti 560)	D / DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF q	28.0
6060LT (Frutteti 560)	D / DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF q	28.0
6560F, 6560L, 7560F, 7560L, 8560F, 8560L (Frutteti 560)	D / DT Ring Free XHD 15W/40 t	7.1	Liquimatic JDF q	28.0
6560F, 6560V, 6560VP, 7560V, 8560V (Frutteti 560)	D / DT Ring Free XHD 15W/40 t	7.1	Liquimatic JDF q	28.0
100 (Ghibli)	2000- D Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	41
105 (Ghibli)	2002- D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	41
80 (Ghibli)	2000- D Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	38
85 (Ghibli)	2002- D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	38
90 (Ghibli)	2000- D Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	41
95 (Ghibli)	2002- D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	41
50-Techno (Globus)	1998- D Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	35
55 TOP/SHERPA (Globus)	2000- D Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	35
60-Techno - Top (Globus)	1998- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	35
65 TOP/SHERPA (Globus)	2000- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	35
70-Techno - Top (Globus)	1998- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	35
75 TOP (Globus)	2000- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	35
80 TOP/SHERPA (Globus)	2000- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	35
L160 (L Series (Large Import))	D / DT Ring Free XHD 15W/40 t	19.0	n	90.15
L180, L200 (L Series (Large Import))	D / DT Ring Free XHD 15W/40 t	19.0	n	90.15
125 (Landpower Speedsix)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	81
135 (Landpower Speedsix)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	81
145 (Landpower Speedsix)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	81
165 (Landpower Speedsix)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	85
185 (Landpower Speedsix)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	85
125 (Landpower Toptronic)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	86
135 (Landpower Toptronic)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	86
145 (Landpower Toptronic)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	86
165 (Landpower Toptronic)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	86
185 (Landpower Toptronic)	2005- D / DT Ring Free XHD Plus 15W/40 t	16.6	Liquimatic JDF	86
10000S, 10000CAB, 10000C (Large Series)	D / DT Ring Free XHD 15W/40 t	18.0	Liquimatic JDF q	80.0
12500 (Large Series)	D / DT Ring Free XHD 15W/40 t	18.0	Liquimatic JDF q	78.0

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
13000, 13000CAB, 13000C (Large Series)	D / DT Ring Free XHD 15W/40 t	18.0	Liquimatic JDF q	81.0 From Transm -
14500, 14500CAB, 14500C (Large Series)	D / DT Ring Free XHD 15W/40 t	19	Liquimatic JDF q	81.0 From Transm -
110 Vanguard (Large Series Imported)	D / DT Ring Free XHD 15W/40 t	21.0	p	60 From Transm -
130 Vanguard (Large Series Imported)	D / DT Ring Free XHD 15W/40 t	16.6		64 From Transm -
L16000, L16500, L17500 (Large Series Imported)	D / DT Ring Free XHD 15W/40 t	19.0	p	85 From Transm -
L19000, L19500 (Large Series Imported)	D / DT Ring Free XHD 15W/40 t	19	p	75 From Transm -
R9550, DT9550 (Large Series Imported)	D / DT Ring Free XHD 15W/40 t	19	Liquimatic JDF q	34/34.7 From Transm -
120 TOP, 130 TOP (Legend (New Generation) Deltashift)	2001- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
125 TOP (Legend (New Generation) Deltashift)	2003- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
140 TOP (Legend (New Generation) Deltashift)	2001- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
145 TOP (Legend (New Generation) Deltashift)	2003- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
160 TOP (Legend (New Generation) Deltashift)	2001- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
165 TOP (Legend (New Generation) Deltashift)	2003- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
180 TOP (Legend (New Generation) Deltashift)	2001- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
185 TOP (Legend (New Generation) Deltashift)	2003- D / DT Ring Free XHD 15W/40 t	16.6	d	86 From Transm -
120 TOP, 130 TOP (Legend (New Generation) Power-six)	2001- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	81 From Transm -
125 TOP, 135 TOP (Legend (New Generation) Power-six)	2003- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	81 From Transm -
140 TOP (Legend (New Generation) Power-six)	2001- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	81 From Transm -
145 TOP (Legend (New Generation) Power-six)	2003- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	81 From Transm -
160 TOP (Legend (New Generation) Power-six)	2001- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85.5 From Transm -
165 TOP (Legend (New Generation) Power-six)	2003- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85.5 From Transm -
180 TOP (Legend (New Generation) Power-six)	2001- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85.5 From Transm -
185 TOP (Legend (New Generation) Power-six)	2003- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85.5 From Transm -
115, 120, 130 (Legend (New Generation) Techno)	2001- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	81 From Transm -
140, 160 (Legend (New Generation) Techno)	2001- D / DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85.5 From Transm -
120TDI, 125TDI (Legend Techno)	D / DT Ring Free XHD 15W/40 t	16	Liquimatic JDF q	81 From Transm -
130TDI, 135TDI (Legend Techno)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF q	81.0 From Transm -
140TDI, 145TDI (Legend Techno)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF q	81 From Transm -
160TDI, 165TDI (Legend Techno)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF q	85.0 From Transm -
185TDI (Legend Techno)	D / DT Ring Free XHD 15W/40 t	16	Liquimatic JDF q	85.0 From Transm -
120TDI, 125TDI, 130TDI, 135TDI (Legend Top)	D / DT Ring Free XHD 15W/40 t	16	Liquimatic JDF q	81.0 From Transm -
140TDI, 145TDI (Legend Top)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF q	81.0 From Transm -
160TDI, 165TDI (Legend Top)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF q	85.0 From Transm -
180TDI, 185TDI (Legend Top)	D / DT Ring Free XHD 15W/40 t	16.0	Liquimatic JDF q	85.0 From Transm -
105, 115 (Legend Top & Techno)	1996-01 D Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85 From Transm -
130 (Legend Top & Techno)	1996-01 DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85 From Transm -
145 (Legend Top & Techno)	1996-01 DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85 From Transm -
165 (Legend Top & Techno)	1998-01 DT Ring Free XHD 15W/40 t	16.6	Liquimatic JDF	85 From Transm -
120TDI, 125TDI, 130TDI, 135TDI (Legend Top Tronic/Transport)	D / DT Ring Free XHD 15W/40 t	16.0	h	86.0 From Transm -

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
140TDI, 145TDI (Legend Top Tronic/Transport)	D / DT Ring Free XHD 15W/40 t	16.0	86.0	From Transm -
160TDI, 165TDI (Legend Top Tronic/Transport)	D / DT Ring Free XHD 15W/40 t	16.0	86.0	From Transm -
180TDI, 185TDI (Legend Top Tronic/Transport)	D / DT Ring Free XHD 15W/40 t	16.0	86.0	From Transm -
40 (Mistral)	1999- D Ring Free XHD 15W/40 t	4.7	d	24 From Transm -
45 (Mistral)	1999- D Ring Free XHD 15W/40 t	5.8	d	24 From Transm -
50 (Mistral)	1999- D Ring Free XHD 15W/40 t	5.8	d	24 From Transm -
55 (Mistral)	2002- DT Ring Free XHD 15W/40 t	5.8	d	24 From Transm -
40HST (Mistral America)	D / DT Ring Free XHD 15W/40 t	4.7	Liquimatic JDF h	24 From Transm -
40STD (Mistral America)	D / DT Ring Free XHD 15W/40 t	4.7	Liquimatic JDF h	24 From Transm -
45HST, 50HST (Mistral America)	D / DT Ring Free XHD 15W/40 t	5.8	Liquimatic JDF h	24 From Transm -
45STD, 50STD (Mistral America)	D / DT Ring Free XHD 15W/40 t	5.8	Liquimatic JDF h	24 From Transm -
100 Power-five, 105 Power-five (Mythos)	2001- D / DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	59 From Transm -
110 Power-five, 115 Power-five (Mythos)	2001- D / DT Ring Free XHD 15W/40 t	16	Liquimatic JDF	59 From Transm -
90 Power-five (Mythos)	2001- D / DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	54 From Transm -
100, 105 (Mythos Deltashift/Top-Tronic)	2001- D / DT Ring Free XHD 15W/40 t	8	d	65 From Transm -
110, 115 (Mythos Deltashift/Top-Tronic)	2001- D / DT Ring Free XHD 15W/40 t	16	d	65 From Transm -
90 (Mythos Deltashift/Top-Tronic)	2001- D / DT Ring Free XHD 15W/40 t	8	d	65 From Transm -
105 (Mythos Top)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	59.0 From Transm -
115TDI (Mythos Top)	D / DT Ring Free XHD 15W/40 t	12.0	Liquimatic JDF q	59.0 From Transm -
105 (Power Farm)	2004- DT Ring Free XHD Plus 15W/40 t	7.0	h	36 From Transm -
105, 105HC (Power Farm)	D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF q	36.0 From Transm -
60 (Power Farm)	2004- D Ring Free XHD 15W/40 t	6.7	Liquimatic JDF	33 From Transm -
60 (Power Farm)	D / DT Ring Free XHD 15W/40 t	6.7	Liquimatic JDF q	33.0 From Transm -
75 (Power Farm)	2004- D Ring Free XHD Plus 15W/40 t	7.0	h	33 From Transm -
75 (Power Farm)	D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF q	33.0 From Transm -
85 (Power Farm)	2004- D Ring Free XHD Plus 15W/40 t	7.0	h	34 From Transm -
85, 85HC (Power Farm)	D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF q	34.0 From Transm -
95 (Power Farm)	2004- DT Ring Free XHD Plus 15W/40 t	7.0	h	36 From Transm -
95, 95HC (Power Farm)	D / DT Ring Free XHD 15W/40 t	7.5	Liquimatic JDF q	36.0 From Transm -
230 (Powerful)	2005- D / DT Ring Free XHD Plus 15W/40 t	20	Liquimatic JDF	158 From Transm -
260 (Powerful)	2005- D / DT Ring Free XHD Plus 15W/40 t	20	Liquimatic JDF	158 From Transm -
280 (Powerful)	2005- D / DT Ring Free XHD Plus 15W/40 t	20	Liquimatic JDF	158 From Transm -
70GT, 80GT, 90F/GT, 100F/GT (REX Frutteto Deltashift)	2002- D / DT Ring Free XHD 15W/40 t	7.7/8	d	50 From Transm -
100F, 100GE, 100GT, 100L (REX Frutteto Footstep/Cab)	2000- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	39 From Transm -
60F, 60GE, 60GT, 60L (REX Frutteto Footstep/Cab)	2000- D Ring Free XHD 15W/40 t	7.4	Liquimatic JDF	37 From Transm -
70F, 70GE, 70GT, 70L (REX Frutteto Footstep/Cab)	2000- D Ring Free XHD 15W/40 t	7.7/8	Liquimatic JDF	39 From Transm -
80F, 80GE, 80GT, 80L (REX Frutteto Footstep/Cab)	2000- D Ring Free XHD 15W/40 t	7.7/8	Liquimatic JDF	39 From Transm -
90F, 90GE, 90GT, 90L (REX Frutteto Footstep/Cab)	2000- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	39 From Transm -
100F, 100GT (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0 From Transm -
105F, 105GT, 105GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0 From Transm -
60F, 60GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0 From Transm -
70F, 70GT, 70GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0 From Transm -
20 HST Top (Scout)	D / DT Ring Free XHD 15W/40	1.8	Liquimatic JDF q	6.0 From Transm -

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
25 HST Top (Scout)	D / DT Ring Free XHD 15W/40	2.2	Liquimatic JDF q	6.0
75F, 75GT, 75GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0
80F, 80GT, 80GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0
85F, 85GT, 85GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0
90F, 90GT (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0
95F, 95GT, 95GE (REX Frutteto Power Shuttle/Power Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF h	50.0
105F, 105GT, 105GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	39.0
60F, 60GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	37.0
70F, 70GT, 70GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	39.0
75F, 75GT, 75GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	39.0
80F, 80GT, 80GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	39.0
85F, 85GT, 85GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	39.0
95F, 95GT, 95GE (REX Frutteto Speed Five)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	39.0
60V, 60VP, 65V, 65VP (REX Vigneto)	2002- D Ring Free XHD 15W/40 t	7.5	Liquimatic JDF	31
70V, 70VP, 80V, 80VP (REX Vigneto)	2002- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	31
Cab (REX Vigneto)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	33.0
DT75V, DT85V (REX Vigneto)	D / DT Ring Free XHD 15W/40 t	8.0	Liquimatic JDF q	33.0
6880, VM6880 (Series 80)	1998- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	28
7880, VM7880 (Series 80)	1991- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	28
8880, VM8880 (Series 80)	1991- D Ring Free XHD 15W/40 t	7.7	Liquimatic JDF	28
9880 (Series 80)	1991- DT Ring Free XHD 15W/40 t	8.7	Liquimatic JDF	28
210, 240, 270 (Starland)	2003- DT Ring Free XHD 15W/40 t	21	Liquimatic JDF	140
55V, 55VP, 60V, 60VP (Cab/Footstep) (Vigneto Series)	D / DT Ring Free XHD 15W/40 t	6.8	Liquimatic JDF q	33.0
65V, 65VP, 75V, 75VP (Cab/Footstep) (Vigneto Series)	D / DT Ring Free XHD 15W/40 t	7.0	Liquimatic JDF q	33.0
100 (Vision Powershuttle)	2002- DT Ring Free XHD 15W/40 t	8	d	50
105 (Vision Powershuttle)	2003- DT Ring Free XHD 15W/40 t	8	d	50
80 (Vision Powershuttle)	2002- D Ring Free XHD 15W/40 t	8	d	50
85 (Vision Powershuttle)	2003- D Ring Free XHD 15W/40 t	8	d	50
90 (Vision Powershuttle)	2002- DT Ring Free XHD 15W/40 t	8	d	50
95 (Vision Powershuttle)	2003- DT Ring Free XHD 15W/40 t	8	d	50
100 (Vision Speed-five)	2002- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	38
105 (Vision Speed-five)	2003- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	38
80 (Vision Speed-five)	2002- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	38
85 (Vision Speed-five)	2003- D Ring Free XHD 15W/40 t	8	Liquimatic JDF	38
90 (Vision Speed-five)	2002- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	38
95 (Vision Speed-five)	2003- DT Ring Free XHD 15W/40 t	8	Liquimatic JDF	38

- a. Without oil immersed brakes: Lodexol Ultra Drive 80W/90
- b. Front Hubs - Carraro Axle if fitted (each): 2 ltr ltr, Liquimatic JDF
- c. Front axle central brakes/front axle side brakes
- d. Sole recommendation: Refer to Main Dealer
- e. Sole recommendation: Refer to Main Dealer
- f. Capacity unquoted:
- g. Alternative recommendations: EP 85W-140
- h. Sole recommendation: Refer to Main Dealer
- j. Alternative recommendations, Engine: <0°C, 10W; 0°C to 27°C, 20W-20; >27°C, 30
- k. Without front brakes, Lodexol Ultra Drive 80W/90. With front brakes, Liquimatic JDF
- m. Alternative recommendations, Engine: <0°C, 10W; <0°C, 10W-30; 0°C to 27°C, 20W-30; >27°C, 20W-40
- n. Sole recommendation: Refer to Main Dealer
- p. Sole recommendation: Refer to Main Dealer
- q. Alternative recommendation: Refer to Main Dealer
- r. Sole recommendation, 52002:- Refer to Main Dealer

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
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s. Transmission with Divided Powerlift Tank, Liquimatic No.6, 11 ltr
 t. Alternative recommendations, Engine: 15W-40; <0°C, 10W; 0°C to 27°C, 20W; >27°C, 30
 u. Cooling systems. Use Universal Antifreeze at a concentration of 40% or two parts Universal Antifreeze with three parts water
 General Notes
 1. Use only CC+SE oils in naturally aspirated engines during run-in and light load operation
 2. Hydrostatic steering (except Legend Series): Liquimatic Super ATF. Legend Series: Common circuit with transmission

LINDNER

63, 73 (Geotrac)	DT	Ring Free XHDS 10W/40 a	6.5	Super Farm Universal 10W/30	32/34	Liquimatic HV46	16
83, 93 (Geotrac)	D / DT	Ring Free XHDS 10W/40 a	8.75	Super Farm Universal 10W/30	34	Liquimatic HV46	16
103 (Geotrac)	DT	Ring Free XHDS 10W/40 a	8.75	Super Farm Universal 10W/30	34	Liquimatic HV46	32
Unitrac 92 (Multi Purpose Carrier)	DT	Ring Free XHDS 10W/40 ac	9	Super Farm Universal 10W/30	16	Liquimatic HV46	55
Unitrac 102 (Multi Purpose Carrier)	DT	Ring Free XHDS 10W/40 ac	9	Super Farm Universal 10W/30	16	Liquimatic HV46	55

a. Also recommended: E5/CH-4
 b. Do not mix DOT 4 and DOT 5
 c. Models fitted with DPF (Diesel Particulate Filter): Ring Free Ultra 10W/40

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MF 1210, MF 1210H, MF 1220, MF1220H	1994-	D	Ring Free XHD 15W/40 w	3.1	Liquimatic JDF g	10	From Transm	-
MF 1230, MF1230H	1994-	D	Ring Free XHD 15W/40 w	4	Liquimatic JDF g	12	From Transm	-
MF 1250, MF 1260	1994-	D	Ring Free XHD 15W/40 w	4.8	Liquimatic JDF g	25	From Transm	-
MF 2210	2003-	D	Ring Free XHD 15W/40 w	7.5	Liquimatic JDF	35	From Transm	-
MF 2225, MF 2235	2003-	D	Ring Free XHD 15W/40 w	7.5	Liquimatic JDF	35	From Transm	-
MF 230	1983-	D	Ring Free XHD 15W/40 w	6.8	Liquimatic JDF	25	From Transm	-
MF 240	1979-	D	Ring Free XHD 15W/40 w	6.8	Liquimatic JDF	24/25	From Transm	-
MF 2405	2006-	D	Super Farm Universal 10W/30 t	r	Super Farm Universal 10W/30 t	r	From Transm	-
MF 2410	2006-	D	Super Farm Universal 10W/30 t	r	Super Farm Universal 10W/30 t	r	From Transm	-
MF 2415	2006-	D	Super Farm Universal 10W/30 t	r	Super Farm Universal 10W/30 t	r	From Transm	-
MF 3315V, MF 3315S, MF 3315F, MF 3315FE, MF 3315GE	2004-	D	Super Farm Universal 10W/30 w	5.7	Liquimatic JDF	50	From Transm	-
MF 3325V, MF 3325S, MF 3325F, MF 3325FE, MF 3325GE	2004-	DT	Super Farm Universal 10W/30 w	5.7	Liquimatic JDF	50	From Transm	-
MF 3330V, MF 3330S, MF 3330F, MF 3330FE, MF 3330GE	2004-	D	Super Farm Universal 10W/30 w	6.5	Liquimatic JDF	50	From Transm	-
MF 3340V, MF 3340S, MF 3340F, MF 3340FE, MF 3340GE	2004-	D	Super Farm Universal 10W/30 w	6.5	Liquimatic JDF	50	From Transm	-
MF 3350S, MF 3350F, MF 3350FE, MF 3350GE	2004-	DT	Super Farm Universal 10W/30 w	6.5	Liquimatic JDF	50	From Transm	-
MF 3355S, MF 3350F, MF 3350FE, MF 3350GE	2004-	DT	Super Farm Universal 10W/30 w	6.5	Liquimatic JDF	50	From Transm	-
MF 340 4WD		D / DT	Super Farm Universal 10W/30 w	5.7	Super Farm Universal 10W/30	43.4/47.4	From Gearbox	-
MF 342	1993-	D	Ring Free XHD 15W/40 w	6.8	Liquimatic JDF	45	From Transm	-
MF 3425 GE, MF 3425 GE(V)	2004-	DT	Super Farm Universal 10W/30 t	5.7	From Hydraulics	-	Liquimatic JDF u	50
MF 3425 V, MF 3425 S, MF 3425 F	2004-	DT	Super Farm Universal 10W/30 t	5.7	From Hydraulics	-	Liquimatic JDF u	50
MF 3435 GE, MF 3435 GE(V)	2004-	D	Super Farm Universal 10W/30 t	6.5	From Hydraulics	-	Liquimatic JDF u	50
MF 3435 V, MF 3435 S, MF 3435 F	2004-	D	Super Farm Universal 10W/30 t	6.5	From Hydraulics	-	Liquimatic JDF u	50
MF 3445 GE, MF 3445 GE(V)	2004-	DT	Super Farm Universal 10W/30 t	6.5	From Hydraulics	-	Liquimatic JDF u	50
MF 3445 S, MF 3445 F	2004-	DT	Super Farm Universal 10W/30 t	6.5	From Hydraulics	-	Liquimatic JDF u	50
MF 3455 GE, MF 3455 GE(V)	2004-	DT	Super Farm Universal 10W/30 t	6.5	From Hydraulics	-	Liquimatic JDF u	50
MF 3455 S, MF 3455 F	2004-	DT	Super Farm Universal 10W/30 t	6.5	From Hydraulics	-	Liquimatic JDF u	50
MF 350, MF 362	1986-	D	Ring Free XHD 15W/40 w	5.7/7.5	Liquimatic JDF	43/47	From Transm	-
MF 352	1993-	DT	Ring Free XHD 15W/40 w	6.8	Liquimatic JDF	45	From Transm	-
MF 354, 364	2004-	D / DT	Ring Free XHD 15W/40 w	6.7/6.8	Liquimatic JDF	33.0	From Gearbox	-
MF 355, MF 360	1986-	DT	Ring Free XHD 15W/40 w	5.7	Liquimatic JDF	43/47	From Transm	-
MF 365, MF 372, MF 375, MF 390	1986-	D	Ring Free XHD 15W/40 w	7.5	Liquimatic JDF	43/47	From Transm	-

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Make/Model	Engine	Transmission	Hydraulics	
MF 374S, MF 384S, MF 384F, MF 394F	1993- D Ring Free XHD 15W/40 w 7.1	Liquimatic JDF	28	From Transm -
MF 390 T	1990- DT Ring Free XHD 15W/40 w 7.7	Liquimatic JDF	43/47	From Transm -
MF 398	1986- DT Ring Free XHD 15W/40 w 7.7	Liquimatic JDF	43/47	From Transm -
MF 399	1986- D Ring Free XHD 15W/40 w 15.4	Liquimatic JDF	47	From Transm -
MF 4215	1997- D Ring Free XHD 15W/40 w 5.7	Liquimatic JDF	50	From Transm -
MF 4220	1997- DT Ring Free XHD 15W/40 w 5.7	Liquimatic JDF	50	From Transm -
MF 4225, MF 4235	1997- D Ring Free XHD 15W/40 w 6.5	Liquimatic JDF	50	From Transm -
MF 4245, MF 4255	1997- DT Ring Free XHD 15W/40 w 6.5	Liquimatic JDF	50	From Transm -
MF 4260, MF 4270	1997- D Ring Free XHD 15W/40 w 13.5	Liquimatic JDF	50	From Transm -
MF 4315	2001- D Ring Free XHD 15W/40 w 5.7	Liquimatic JDF	50	From Transm -
MF 4320	2001- DT Ring Free XHD 15W/40 w 5.7	Liquimatic JDF	50	From Transm -
MF 4325, MF 4335	2001- D Ring Free XHD 15W/40 w 6.5	Liquimatic JDF	50	From Transm -
MF 4345, MF 4355	2001- DT Ring Free XHD 15W/40 w 6.5	Liquimatic JDF	50	From Transm -
MF 4360, MF 4370	2001- D Ring Free XHD 15W/40 w 13.5	Liquimatic JDF	50	From Transm -
MF 50 Handler	1993- D Ring Free XHD 15W/40 w 8.5	Liquimatic JDF	47	Liquimatic Super ATF 49 d
MF 5425, MF 5435	2003- D Ring Free XHD Plus 15W/40 mn 7.5	Liquimatic JDF	62/74 k	From Transm -
MF 5445, MF 5455	2003- DT Ring Free XHD Plus 15W/40 mn 7.5	Liquimatic JDF	62/74 k	From Transm -
MF 5460	2003- DT Ring Free XHD Plus 15W/40 mn 7.5	Liquimatic JDF	62/74 k	From Transm -
MF 5465	2003- DT Ring Free XHD Plus 15W/40 mn 14.5	Liquimatic JDF	56/68 k	From Transm -
MF 595 Mk II	2004- D / DT Super Farm Universal 10W/30 w 9.5	Super Farm Universal 10W/30	46.0	From Gearbox -
MF 6110, MF 6120, MF 6130, MF 6140, MF 6140HV	1995- D / DT Ring Free XHD 15W/40 w 7	Liquimatic JDF	62 c	From Transm -
MF 6150, MF 6150HV	1995- DT Ring Free XHD 15W/40 w 7.4	Liquimatic JDF	62 c	From Transm -
MF 6160, MF 6170	1995- D Ring Free XHD 15W/40 w 14.8	Liquimatic JDF	62 c	From Transm -
MF 6180, MF 6190	1995- D Ring Free XHD 15W/40 w 14.8	Liquimatic JDF	68 c	From Transm -
MF 6235	1999- DT Ring Free XHD 15W/40 w 7.5	Liquimatic JDF	72 c	From Transm -
MF 6245	1999- DT Ring Free XHD 15W/40 w 7.5	Liquimatic JDF	72 c	From Transm -
MF 6255	1999- DT Ring Free XHD 15W/40 w 7.5	Liquimatic JDF	72 c	From Transm -
MF 6260	1999- D Ring Free XHD 15W/40 w 14.5	Liquimatic JDF	72 c	From Transm -
MF 6265	1999- DT Ring Free XHD 15W/40 w 7.5	Liquimatic JDF	72 c	From Transm -
MF 6270	1999-03 DT Ring Free XHD 15W/40 w 14.5	Liquimatic JDF	72 c	From Transm -
MF 6280	1999-03 DT Ring Free XHD 15W/40 w 14.5	Liquimatic JDF	72 c	From Transm -
MF 6290	1999-03 DT Ring Free XHD 15W/40 w 14.5	Liquimatic JDF	72 c	From Transm -
MF 6445	2003- DT Ring Free VS Plus 15W/40 w 8	Liquimatic JDF	71	From Transm -
MF 6455	2003- DT Ring Free VS Plus 15W/40 w 8	Liquimatic JDF	71	From Transm -
MF 6460	2003- DT Ring Free VS Plus 15W/40 w 8	Liquimatic JDF	71	From Transm -
MF 6465	2003- DT Ring Free VS Plus 15W/40 w 14.5	Liquimatic JDF	71 c	From Transm -
MF 6470	2003- DT Ring Free VS Plus 15W/40 w 8	Liquimatic JDF	71	From Transm -
MF 6475	2003- DT Ring Free VS Plus 15W/40 w 14.5	Liquimatic JDF	71 c	From Transm -
MF 6480	2003- DT Ring Free VS Plus 15W/40 w 14.5	Liquimatic JDF	71 c	From Transm -
MF 6485	2003- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	109 c	From Transm -
MF 6490	2003- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	109 c	From Transm -
MF 6495	2003- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	109 c	From Transm -
MF 6497	2004- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	147	From Transm -
MF 6499	2004- DT Ring Free VS Plus 15W/40 w 19	Liquimatic JDF	142	From Transm -
MF 7465	2003- DT Ring Free VS Plus 15W/40 w 14.5	Liquimatic JDF	56	Liquimatic JDF 100
MF 7475	2003- DT Ring Free VS Plus 15W/40 w 14.5	Liquimatic JDF	56	Liquimatic JDF 100
MF 7480	2003- DT Ring Free VS Plus 15W/40 w 14.5	Liquimatic JDF	56	Liquimatic JDF 100
MF 7485	2003- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	58	Liquimatic JDF 100
MF 7490	2003- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	58	Liquimatic JDF 100
MF 7495	2003- DT Ring Free VS Plus 15W/40 w 20	Liquimatic JDF	58	Liquimatic JDF 100

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Make/Model	Engine	Transmission	Hydraulics	
MF 8110, MF 8110S, MF 8120, MF 8130, MF 8140	1995- DT Ring Free XHD 15W/40 w	16.5 Liquimatic JDF	87.5 c	From Transm -
MF 8150	1995- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	87.5 c	From Transm -
MF 8160	1995- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	87.5 c	From Transm -
MF 8210 Dynashift HD F/D	1999- DT Ring Free XHD 15W/40 w	15.6 Liquimatic JDF	130 c	From Transm -
MF 8210 Powershift HD F/D	1999- DT Ring Free XHD 15W/40 w	15.6 Liquimatic JDF	160 c	From Transm -
MF 8220 Dynashift HD F/D, Extra	1999- DT Ring Free XHD 15W/40 w	15.6 Liquimatic JDF	130 c	From Transm -
MF 8220 Dynashift HDS F/D, Extra	1999- DT Ring Free XHD 15W/40 w	15.6 Liquimatic JDF	123 c	From Transm -
MF 8220 Powershift HD F/D, Extra	1999- DT Ring Free XHD 15W/40 w	15.6 Liquimatic JDF	160 c	From Transm -
MF 8220 Powershift HDS F/D, Extra	1999- DT Ring Free XHD 15W/40 w	15.6 Liquimatic JDF	150 c	From Transm -
MF 8240 Dynashift HDS F/D, Extra	1999- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	123 c	From Transm -
MF 8240 Powershift HDS F/D, Extra	1999- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	150 c	From Transm -
MF 8250 Dynashift, Extra	1999- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	118 c	From Transm -
MF 8250 Powershift, Extra	1999- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	145 c	From Transm -
MF 8260 Powershift, Extra	1999- DT Ring Free XHD 15W/40 w	21 Liquimatic JDF	158 c	From Transm -
MF 8270 Powershift, Extra	1999- DT Ring Free XHD 15W/40 w	29.5 Liquimatic JDF	158 c	From Transm -
MF 8280 Powershift, Extra	1999- DT Ring Free XHD 15W/40 w	29.5 Liquimatic JDF	158 c	From Transm -
MF 8450	2004- DT Ring Free VS Plus 15W/40 wy	19 Liquimatic JDF	85	Liquimatic JDF 90/100
MF 8460	2004- DT Ring Free VS Plus 15W/40 wy	20 Liquimatic JDF	85	Liquimatic JDF 90/100
MF 8470, 8480	2004- DT Ring Free VS Plus 15W/40 wy	20 Liquimatic JDF	85	Liquimatic JDF 90/100
MF 9240	1995- DT Ring Free XHD 15W/40 w	22 Liquimatic JDF	57	Liquimatic JDF 87
2430, 2435, 2440 (2400 GE Series)	2005- DT Ring Free XHD Plus 15W/40 w	7.5 Liquimatic JDF v	35.0	From Gearbox -
2430, 2435, 2440 (2400 ST Series)	2005- DT Ring Free XHD Plus 15W/40 w	7.5 Liquimatic JDF v	35.0	From Gearbox -
1519F, 1523F (Manual Shuttle) (Compact)	2005- D Super Farm Universal 10W/30 z	2.7 Liquimatic JDF	14	From Transm -
1519FH, 1523FH (Compact)	2005- D Super Farm Universal 10W/30 z	2.7 Liquimatic JDF	14	From Transm -
1528, 1531 Manual Shuttle (Engine TH4330) (Compact)	2005- D Super Farm Universal 10W/30 z	5 Liquimatic JDF	29	From Transm -
1528 HST, 1531 HST, (Engine TH4290/4260) (Compact)	2005- D Super Farm Universal 10W/30 z	3.6 Liquimatic JDF	29	From Transm -
1533, 1540 (Manual Shuttle) (Compact)	2005- D Super Farm Universal 10W/30 z	4.7 Liquimatic JDF	31	From Transm -
1533 HST, 1540 HST (Compact)	2005- D Super Farm Universal 10W/30 z	4.7 Liquimatic JDF	31	From Transm -
1547 HST (Compact)	2005- D Super Farm Universal 10W/30 z	8 Liquimatic JDF	38	From Transm -
1547 (Manual Shuttle) (Compact)	2005- D Super Farm Universal 10W/30 z	8 Liquimatic JDF	38	From Transm -

- a. *Some models lubricated from transmission*
- b. *With heavy duty axle, rear hubs: Liquimatic JDF*
- c. *For operation on steep slopes add 10 ltrs*
- d. *Alternative recommendations, Hydraulics: <18°C, Triad 32*
- e. *Rear Final Drives (each): 2.6 ltr ltr*
- f. *Front axle differential: 3.5 ltr; Final drives: 1.3 ltr each side*
- g. *Alternative recommendations: Liquimatic JDF*
- h. *Front axle differential: 10 ltr. Final drives: 4 ltr each side*
- i. *Front Axle, EXTRA Series: EP85W/140*
- j. *Normal Duty / Heavy Duty*
- k. *Mechanical reverse shuttle/reverse power shuttle*
- m. *Also recommended: Super Farm Universal 10W/30*
- n. *Alternative recommendations, Engine: -20°C to 25°C, 10W-30; -10°C to 35°C, 10W-40; -10°C to 30°C, 15W-30; -10°C to 40°C, 15W-40*
- p. *Sole recommendation: Refer to Main Dealer*
- q. *Alternative recommendations, Grease: <7°C, K41EP; 7°C to 27°C, K42EP; >27°C, K43EP*
- r. *Capacity unquoted:*
- s. *Alternative recommendations: EP 80W-90*
- t. *Alternative recommendations, Engine: <5°C, 10W-30; -4°C to 27°C, 10W-30; -4°C to 27°C, 15W-30; -4°C to 27°C, 20W-50; -4°C to 27°C, 10W-40; -4°C to 27°C, 15W-40*
- u. *Alternative recommendations, Hydraulics: -4°C to 27°C, Superfarm Universal 10W-30*
- v. *Sole recommendation for powershuttle with electro-hydraulic reverser: Refer to Main Dealer*
- w. *Alternative recommendations, Engine: 10W-30; 10W-40; 15W-30*
- x. *Sole recommendation: Refer to Main Dealer*
- y. *Alternative recommendations: Tier 2: Ring Free XHD Plus 15W/40; Tier 3: Ring Free VS Plus 15W/40*
- z. *Alternative recommendations, Engine: 0°C to >25°C, 10W-30; >-10°C, 15W-40*

General Notes

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Wheeled Tractors

MASSEY FERGUSON

Make/Model	Engine	Transmission	Hydraulics	
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- Use only CC+SE oils in Perkins naturally aspirated engines during run-in and light load operation. Massey-Ferguson use Perkins engines exclusively except for 1000 Series compacts (Toyosha), 1200 Series compacts (Iseki), the 3670, 3680, 3690 (Valmet) and 4800 Series articulated (Cummins), 8240/50/60/70/80, Sisu (Valmet)
- Power steering (where fitted): Liqumatic DII; MF 50 Handler: Liqumatic JDF
- Super Farm Universal 10W/30 and Liqumatic JDF are suitable for all transmissions, hydraulics, axles and hubs except MF 50 Handler hydraulics, 1200 Series compacts, 6100, 6200, 8100, 8200 Series, and those requiring GL-5 gear oils. STOU MAF 1139 10W-30 or Liqumatic JDF preferred for 3000 Series transmissions/hydraulics

McCORMICK INTERNATIONAL

C50, C60	2001-	DT	Ring Free XHD 15W/40 f	6.4	Liqumatic HY	34/36.5 g	From Transm	-
C70, C80, C90, C100	2001-	DT	Ring Free XHD 15W/40 f	7.3	Liqumatic HY	34/36.5 g	From Transm	-
CX 75	2003-	D	Ring Free XHD Plus 15W/40 f	7.3	Liqumatic HY	34.5/37 a	From Transm	-
CX 85, CX 95, CX 105	2003-	DT	Ring Free XHD Plus 15W/40 f	7.3	Liqumatic HY	34.5/37 a	From Transm	-
CX50, CX60	2001-	D	Ring Free XHD 15W/40 f	6.4	Liqumatic HY	34.5/37 a	From Transm	-
CX70, CX80 CX90, CX100	2001-	D / DT	Ring Free XHD 15W/40 f	7.3	Liqumatic HY	34.5/37 a	From Transm	-
F60, F60GE, F60L, F60XL		D / DT	Ring Free XHD 15W/40 e	7.4	Liqumatic JDF	33	From Transm	-
F70, F70GE, F70L, F70XL, F80, F80GE, F80L, F80XL		D / DT	Ring Free XHD 15W/40 e	7.7	Liqumatic JDF	33	From Transm	-
F90, F90GE, F90L, F90XL, F100, F100GE, F100L, F100XL		D / DT	Ring Free XHD 15W/40 e	7.7	Liqumatic JDF	33	From Transm	-
MC Power6 120	2002-	DT	Ring Free XHD Plus 15W/40	13.5	Liqumatic HY	75	From Transm	-
MC Power6 135	2002-	DT	Ring Free XHD Plus 15W/40	13.5	Liqumatic HY	75	From Transm	-
MC115	2001-	DT	Ring Free XHD 15W/40 f	7.3	Liqumatic HY	75	From Transm	-
MC80	2001-	D	Ring Free XHD 15W/40 f	7	Liqumatic HY	71	From Transm	-
MC90, MC100	2001-	D	Ring Free XHD 15W/40 f	7	Liqumatic HY	71	From Transm	-
MTX 185, MTX200	2003-	DT	Ring Free XHD Plus 15W/40 f	15	Liqumatic HY b	95	From Transm	-
MTX110, MTX125	2001-03	DT	Ring Free XHD 15W/40 f	13.5	Liqumatic HY	66.3	From Transm	-
MTX120, MTX135	2003-	DT	Ring Free XHD Plus 15W/40 f	16	Liqumatic HY	66.3	From Transm	-
MTX140	2001-03	DT	Ring Free XHD 15W/40 f	13.5	Liqumatic HY	66.3	From Transm	-
MTX150	2003-	DT	Ring Free XHD Plus 15W/40 f	16	Liqumatic HY	66.3	From Transm	-
MTX155, MTX175	2001-03	DT	Ring Free XHD 15W/40 f	13.5	Liqumatic HY b	95	From Transm	-
MTX165	2003-	DT	Ring Free XHD Plus 15W/40 f	16	Liqumatic HY b	95	From Transm	-
60, 75, 85, 95, 105 (C Max Series)	2004-	D / DT	Ring Free XHD Plus 15W/40	6.7/7.0	From Hydraulics	-	Liqumatic JDF	33.0/36.0
65, 75, 85 (CX-L Series)	2004-	D / DT	Ring Free XHD Plus 15W/40	7.5	j	35.0	From Gearbox	-
V60, V65 (Vineyard/Narrow Tractors)		D / DT	Ring Free XHD 15W/40 e	7.4/7.5	Liqumatic JDF	33	From Transm	-
V70, V80 (Vineyard/Narrow Tractors)		D / DT	Ring Free XHD 15W/40 e	7.7	Liqumatic JDF	33	From Transm	-
185, 200, 215 (XTX 2WD Series)	2004-	DT	Ring Free XHD Plus 15W/40	15.0/16.0	From Hydraulics	-	j	95.0/107.0
185, 200, 215 (XTX 4WD Series)	2004-	DT	Ring Free XHD Plus 15W/40	15.0/16.0	From Hydraulics	-	j	95.0/107.0
230, 260, 280 (ZTX Series)	2004-	DT	Ring Free XHD Plus 15W/40	20.0	From Hydraulics	-	t	158.0

- 2WD/4WD
- Front PTO gearbox: Lodexol PG 220
- With/without cab
- Use Lodexol Ultra Drive 80W/90 if without wet brakes
- Alternative recommendations, Engine: 15W-40; <0°C, 10W; 0°C to 27°C, 30; to >27°C, 30
- Alternative recommendations, Engine: 0°C to 50°C, 20W-50; -10°C to 45°C, 15W-40; -15°C to 5°C, 10W-30
- 2WD/MFD
- Preferred grade: Refer to Main Dealer
- Sole recommendation: Refer to Main Dealer
- Sole recommendation: Refer to Main Dealer
- Sole recommendation: Refer to Main Dealer
- Sole recommendation: Refer to Main Dealer
- Preferred grade: K323
- Capacity unquoted:
- Preferred grade: Universal Antifreeze
- Sole recommendation: Refer to Main Dealer
- Preferred grade: Refer to Main Dealer

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Wheeled Tractors

MERCEDES-BENZ

Make/Model	Engine	Transmission	Hydraulics	
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MERCEDES-BENZ

U90 (OM 602) (Unimog)	1992-	D	Ring Free XHD 15W/40 gh	9	Lodexol SS 80W d	6/7	Ring Free XHD 10W f	35
U100L (OM 602) (Unimog)	1994-	D	Ring Free XHD 15W/40 gh	9	Lodexol SS 80W d	6/7	Ring Free XHD 10W f	35
U110 (OM 364A) (Unimog)	1992-	DT	Ring Free XHD 15W/40 gh	15	Lodexol SS 80W d	6/9.5	Ring Free XHD 10W f	60
U140 (OM 364LA) (Unimog)	1992-	DT	Ring Free XHD 15W/40 gh	15	Lodexol SS 80W d	6/9.5	Ring Free XHD 10W f	60
U300, 400, 500 (904, 906) (Unimog)	2000-	DT	Ring Free Ultra 10W/40 gh	15.8/29 b	Lodexol FS 75W/90 c	10.5-13.5 c	Ring Free XHD 10W a	60 a
U1000 (OM 366) (Unimog)	1989-	D	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
U1350L (OM 366A) (Unimog)	1990-	DT	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
U1400, U1450, U1450L (OM 366A) (Unimog)	1990-	DT	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
U1550L (OM 366A) (Unimog)	1990-	DT	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
U1600, U1650, -L (OM 366A) (Unimog)	1990-	DT	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
U1800, U1850, U1850L (OM 366LA) (Unimog)	1992-	DT	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
U2100, U2150, U2150L (OM 366LA) (Unimog)	1991-	DT	Ring Free XHD 15W/40 gh	14.5	Lodexol SS 80W d	11-13	Ring Free XHD 10W f	31
2400, 2450 (Unimog)	2000-	DT	Ring Free Ultra 10W/40 gh	14.5	Lodexol SS 80W d	11	-	-

a. *Hydraulics: Power Hydraulics 60 ltrs, Working Hydraulics 41 ltrs, Hydraulic fan 45 ltrs, LHM Plus. Note; vehicles without working hydraulics have the same capacity for the hydraulic fan as vehicles with working hydraulics*

b. *904/906*

c. *Main transmission: 10.5 ltr; with operating group, 12.5 ltr with slow speed group, 13.5 ltr; with hydrostatic drive, 13.5 ltr; output shaft transmission, 4 ltr*

d. *Alternative recommendations: Liquimatic JDF*

e. *Alternative recommendations: GO MBZ 235.0 85W-90*

f. *Alternative recommendations, Hydraulics: LHM Plus; Ring Free XHD 10W; Ring Free XHD 10W*

g. *Alternative recommendations, Engine: <-25°C to 15°C, 5W-30; <-25°C to >30°C, 5W-40; -20°C to >30°C, 10W-40; -15°C to >30°C, 15W-40*

h. *MB 228.2/3 or MB 228.0/1, MB 227.1 suitable for all engines. MB 227.0 and MB 226.0 approved for naturally aspirated engines only under certain conditions. Refer to service literature*

General Notes

1. *Use only Ambesta Running Oil in new, re-conditioned and repaired engines up to first oil change. Ambesta Running Oil recommended for re-conditioned and repaired engines only*

2. *PTO (where fitted): Lodexol SS 80W. Except for U300, U400, U500; 4 ltr, Lodexol FS 75W/90*

MITSUBISHI

Buck	1992-	D / DT	Super Farm Universal 10W/30 ce	3	Lodexol Ultra Drive 80W/90 bde	12	From Transm	-
MT180, MT180D	1986-	D	Super Farm Universal 10W/30 e	3	Lodexol Ultra Drive 80W/90 e	12	From Transm	-
MT180H, MT180HD	1986-	D	Super Farm Universal 10W/30 e	3	Lodexol Ultra Drive 80W/90 e	14	From Transm	-
MT180HST	1984-	D	Super Farm Universal 10W/30 e	3	Liquimatic HY e	a	From Transm	-
MT200D, MT200HD	2002-	D	Ring Free XHD 15W/40 e	a	Liquimatic HY e	a	From Transm	-
MT250, MT250D	1986-	D	Super Farm Universal 10W/30 e	4	Lodexol Ultra Drive 80W/90 e	20	From Transm	-
MT260D, MT260HD	2002-	D	Ring Free XHD 15W/40 e	a	Liquimatic HY e	a	From Transm	-
MT300, MT300D	1986-01	D	Super Farm Universal 10W/30 e	4.2	Lodexol Ultra Drive 80W/90 e	4.8	From Transm	-
MT300D, MT300HD	2002-	D	Ring Free XHD 15W/40 e	a	Liquimatic HY e	a	From Transm	-
MT301D, MT301HD	2002-	D	Ring Free XHD 15W/40 e	a	Liquimatic HY e	a	From Transm	-
MT372, MT372D	1986-	D	Super Farm Universal 10W/30 e	3	Lodexol Ultra Drive 80W/90 e	12.6	From Transm	-
MT470, MT470D	1992-	D / DT	Super Farm Universal 10W/30 ce	3	Lodexol Ultra Drive 80W/90 bde	12	From Transm	-
S470, S470D	1992-	D / DT	Super Farm Universal 10W/30 ce	3	Lodexol Ultra Drive 80W/90 bde	12	From Transm	-

a. *Capacity unquoted:*

b. *Hydrostatic Transmission: Liquimatic Super ATF*

c. *Alternative recommendations, Engine: <-10°C, 5W-20; -20°C to 0°C, 10W-30; >30°C, 20W-40; 10°C to 35°C, 30; >30°C, 40*

d. *Alternative recommendations, Transmission: <0°C, 75W; -10°C to 30°C, 80W-90; >0°C, 85W-140; >10°C, 90*

e. *Super Farm Universal 10W/30 also recommended for engines, transmissions and axles*

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Wheeled Tractors

NEW HOLLAND

Make/Model	Engine	Transmission	Hydraulics	
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NEW HOLLAND

TCE40	2001-	D	Ring Free XHD 15W/40	4.7	Liquimatic JDF	24	From Transm	-
TCE45, TCE50	2001-	D	Ring Free XHD 15W/40	5.8	Liquimatic JDF	24	From Transm	-
TD55, TD55D, TD65, TD65D	2004-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	49 y	From Gearbox	-
TD 60D, TD 70D, TD 80D, TD 90D	2004-	D / DT	Ring Free XHD 15W/40	10.7/11.4	Liquimatic JDF	49/55 y	From Gearbox	-
TD75, TD75D, TD85, TD85D	2003-	D	Ring Free XHD 15W/40	11.7	Liquimatic JDF	55 p	From Transm	-
TD95, TD95D	2003-	DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	55 p	From Transm	-
TG210, TG230	2003-	DT	Ring Free XHD 15W/40	21	Liquimatic HY	172	From Transm	-
TG255, TG285	2003-	DT	Ring Free XHD 15W/40	21	Liquimatic HY	172	From Transm	-
TJ275, TJ325, TJ375, TJ425, TJ450	2003-	D / DT	Ring Free XHD 15W/40	n	Liquimatic HY	n	From Transm	-
TL70	2000-	D	Ring Free XHD 15W/40	9.5	Liquimatic JDF	49	From Transm	-
TL70A	2004-	D	Ring Free XHD 15W/40 r	9.5	Liquimatic JDF	49	From Transm	-
TL80A	2004-	D	Ring Free XHD 15W/40 r	9.5	Liquimatic JDF	55	From Transm	-
TL80, TL90, TL100	2000-	D	Ring Free XHD 15W/40	9.5	Liquimatic JDF	55	From Transm	-
TL90A , TL100A	2004-	D	Ring Free XHD 15W/40 r	9.5	Liquimatic JDF	55	From Transm	-
TM115, TM125	2000-	D	Ring Free XHD 15W/40	19	Liquimatic JDF	63-90	From Transm	-
TM120, TM130, TM140	2004-	DT	Ring Free XHD 15W/40 r	19	Liquimatic JDF	80/90	From Transm	-
TM135, TM150	2000-	DT	Ring Free XHD 15W/40	19	Liquimatic JDF	63-90	From Transm	-
TM155	2000-	DT	Ring Free XHD 15W/40	19	Liquimatic JDF	90	From Transm	-
TM165	2000-	DT	Ring Free XHD 15W/40	19	Liquimatic JDF	100	From Transm	-
TM175, TM190	2000-	DT	Ring Free XHD 15W/40	19	Liquimatic JDF	100	From Transm	-
TN55, TN65	2000-	D	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42	From Transm	-
TN55, TN65	2000-	D	Ring Free XHD 15W/40	7.5	Liquimatic JDF	44/55	From Transm	-
TN55D, TN55S	2000-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42	From Transm	-
TN55V, TN65V, TN75V	2000-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	44 a	From Transm	-
TN 60A, TN 70A, TN 75A	2004-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42	From Gearbox	-
TN65, TN75, TN75F	2000-	D	Ring Free XHD 15W/40	10.5	Liquimatic JDF	44/55	From Transm	-
TN65D, TN65S	2000-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42	From Transm	-
TN65N, TN75N	2000-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	44 a	From Transm	-
TN70	2004-	D	Ring Free XHD 15W/40 r	7.5	Liquimatic JDF	42	From Transm	-
TN70D, TN70S	2000-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42	From Transm	-
TN70F, TN80F	2000-	D	Ring Free XHD 15W/40	10.5	Liquimatic JDF	44	From Transm	-
TN75D	2000-	DT	Ring Free XHD 15W/40 r	7.5	Liquimatic JDF	42	From Transm	-
TN75DA	2004-	DT	Ring Free XHD 15W/40 r	7.5	Liquimatic JDF	42	From Transm	-
TN75FA	2004-	D	Ring Free XHD 15W/40 r	10.5	Liquimatic JDF	44/55	From Transm	-
TN75NA	2004-	D / DT	Ring Free XHD 15W/40 r	7.5	Liquimatic JDF	44 a	From Transm	-
TN75S	2000-	DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42	From Transm	-
TN75SA	2004-	D / DT	Ring Free XHD 15W/40 r	7.5	Liquimatic JDF	44 a	From Transm	-
TN75VA	2004-	D / DT	Ring Free XHD 15W/40 r	7.5	Liquimatic JDF	44 a	From Transm	-
TN 85FA, TN 95FA	2004-	D / DT	Ring Free XHD 15W/40	10.5	Liquimatic JDF	44	From Gearbox	-
TN90F	2000-	DT	Ring Free XHD 15W/40	10.5	Liquimatic JDF	44/55	From Transm	-
TN95F	2000-	D	Ring Free XHD 15W/40	10.5	Liquimatic JDF	44	From Transm	-
TN95FA	2004-	D	Ring Free XHD 15W/40	10.5	Liquimatic JDF	44	From Transm	-
TS90, TS100	2000-	D	Ring Free XHD 15W/40	11.4	Liquimatic JDF	57/60.6 hi	From Transm	-
TS100A, TS110A	2003-	DT	Ring Free XHD 15W/40	10	Liquimatic JDF	56-65.5	From Transm	-
TS110	2000-	DT	Ring Free XHD 15W/40	11.4	Liquimatic JDF	57/60.6 hi	From Transm	-
TS115	2000-	D	Ring Free XHD 15W/40	20.8	Liquimatic JDF	56.8/60.6 hi	From Transm	-
TS115A	2003-	DT	Ring Free XHD 15W/40	15	Liquimatic JDF	56-65.5	From Transm	-
TS125A, TS135A	2003-	DT	Ring Free XHD 15W/40	15	Liquimatic JDF	56-65.5	From Transm	-
TVT135, TVT145	2004-	DT	Ring Free XHD Plus 15W/40 wx	20	t	60	Liquimatic HV46 uv	52
TVT155, TVT170, TVT190	2004-	DT	Ring Free XHD Plus 15W/40 wx	20	t	60	Liquimatic HV46 uv	52

- a. With power shuttle, 55 ltr
- b. With/without cab
- c. Front axle housing: 4.5 ltr; final drives, 0.8 ltr each
- d. Front axle housing: 7 ltr; final drives, 1.2 ltr each
- e. Front axle housing: 9 ltr; final drives, 1.7 ltr each
- f. Front axle housing: 14 ltr; final drives, 2.1 ltr each
- g. Without/with cab
- h. Transmission/rear axle with 12x12 or 24x24 transmission, 56.8 ltr
- i. Transmission/rear axle with 16x16 transmission, 60.6 ltr
- m. Includes 0.5 ltr of New Holland G70 limited slip additive
- n. Capacity unquoted:
- p. Includes rear axle, final drives and brakes, hydraulic lift, and power take-off
- q. Standard suspension axle/Supersteer axle
- r. Alternative recommendations: Ring Free XC 10W-30

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Wheeled Tractors

NEW HOLLAND

Make/Model	Engine	Transmission	Hydraulics	
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- s. *With/without brakes*
- t. *Refer to Main Dealer*
- u. *Also recommended: Liquimatic Super ATF*
- v. *Includes steering system*
- w. *Alternative recommendations, Engine: -20°C to 30°C, 10W-30; -20°C to >30°C, 10W-40; -10°C to >30°C, 15W-40*
- x. *Also recommended: Ring Free XHD 15W/40, 250hr oil change interval*
- y. *With reversing synchro, 55 ltr*
- z. *Without/with front disc brakes*

NEW HOLLAND (FIATAGRI)

35-66	1989-	DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	13.3/18.5 d	From Transm	-
45-66 Q, 45-66 DTQ, 50-66	1985-	D	Ring Free XHD 15W/40	7.3	Liquimatic JDF	22/23 d	From Transm	-
45-66S, 50-66S, 56-66S	1995-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	22/23 d	From Transm	-
50-86S, 55-86, -S, 60-86, -S	1994-	DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	31.5/32.1 d	From Transm	-
50-86VS	1992-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	25-36.5 i	From Transm	-
55-56, 60-56	1989-	DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	32-33 d	From Transm	-
55-66S, 60-66S, 65-66S	1994-	DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	46	From Transm	-
55-86VS, 55-86F	1992-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	24.5-36.5 j	From Transm	-
60-66	1985-	D	Ring Free XHD 15W/40	7.3	Liquimatic JDF	47	From Transm	-
60-86VS, 60-86F	1992-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	42.3/42.7 d	From Transm	-
60-93, 60-94	1993-	D / DT	Ring Free XHD 15W/40	7.5	Liquimatic JDF	49 h	From Transm	-
62-86	1993-	D	Ring Free XHD 15W/40	7.5	Liquimatic JDF	42/43 d	From Transm	-
62-86F	1992-	D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	42.3/42.7 d	From Transm	-
65-56, 70-56	1989-	DT	Ring Free XHD 15W/40	11.2	Liquimatic JDF	32/33 d	From Transm	-
65-93	1993-	D / DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	49 h	From Transm	-
65-94	1993-96	D	Ring Free XHD 15W/40	7.5	Liquimatic JDF	49	From Transm	-
466, 466DT, 566, 566DT (66 Series)		D / DT	Ring Free XHD 15W/40	7.3	Liquimatic JDF	47.8/48.6	From Transm	-
666DT, 766, 766DT (66 Series)		D / DT	Ring Free XHD 15W/40	11.2	Liquimatic JDF	47.8/48.6	From Transm	-
470, 470DT (70 Series)		D / DT	Refer to Main Dealer k	7.3	Refer to Main Dealer	14	Ring Free XHD 20 n	14.0
670, 670H, 670DT, 670DTH (70 Series)		D / DT	Refer to Main Dealer k	11.2	Liquimatic JDF	44.5/45.5	From Gearbox	-
70-66S, 80-66S	1992-	DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	46	From Transm	-
70-86S	1994-	DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	31.5/32.1 d	From Transm	-
70-86VS	1992-	D / DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	24.5-36.5 j	From Transm	-
72-86, 82-86	1993-	D	Ring Free XHD 15W/40	11.7	Liquimatic JDF	42/43 d	From Transm	-
72-86F, 82-86F	1993-	D / DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	43.4/43.9 d	From Transm	-
72-86 LP, 82-86 LP	1993-	D	Ring Free XHD 15W/40	11.7	Liquimatic JDF	43/44 d	From Transm	-
72-93, 82-93, 88-93	1993-96	D / DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	55	From Transm	-
72-94, 82-94	1993-96	D	Ring Free XHD 15W/40	11.7	Liquimatic JDF	55	From Transm	-
480S, 480DT, 500S (80 Series)		D / DT	Refer to Main Dealer k	7.0	Refer to Main Dealer	16.0/18.0	From Gearbox	-
680, 680DT (80 Series)		D / DT	Refer to Main Dealer k	11.2	Liquimatic JDF	44.5/45.5	From Gearbox	-
780, 780DT (80 Series)		D / DT	Refer to Main Dealer k	11.2	Liquimatic JDF	44.5/45.5	From Gearbox	-
1180, 1180DT (80 Series)		D / DT	Refer to Main Dealer	15.2	Liquimatic JDF m	43.1/44.4 m	From Transm	-
1380, 1380DT (80 Series)		D / DT	Refer to Main Dealer	15.2	Liquimatic JDF m	43.1/44.4 m	From Transm	-
1580, 1580DT (80 Series)		D / DT	Refer to Main Dealer	18.3	Liquimatic JDF m	44.7/46.1 m	From Transm	-
980, 980DT (80 Series)		D / DT	Ring Free XHD 15W/40 k	13.6	Liquimatic JDF	44.4/45.5	From Gearbox	-
88-94	1993-96	DT	Ring Free XHD 15W/40	11.7	Liquimatic JDF	55	From Transm	-
95-90 CW/SW	1991-96	D	Ring Free XHD 15W/40	13.6	Liquimatic JDF	11	From Rear Drive	-
95-90 DTCW/DTSW	1991-	D	Ring Free XHD 15W/40	13.6	Liquimatic JDF	11	From Rear Drive	-
100-90 CW/SW	1984-	D	Ring Free XHD 15W/40	13.6	Liquimatic JDF	11	From Rear Drive	-
100-90 DTCW/DTSW	1984-	D	Ring Free XHD 15W/40	13.6	Liquimatic JDF	11	From Rear Drive	-
110-90 DTCW/DTSW	1987-	D	Ring Free XHD 15W/40	13.6	Liquimatic JDF	11	From Rear Drive	-
130-90 SW/DTSW	1984-	DT	Ring Free XHD 15W/40	15.2	Liquimatic JDF b	18 b	From Rear Drive	-
140-90 SW/DTSW	1984-	DT	Ring Free XHD 15W/40	15.2	Liquimatic JDF b	18 b	From Rear Drive	-
160-90 SW/DTSW	1984-	DT	Ring Free XHD 15W/40	18.3	Liquimatic JDF b	21 b	From Rear Drive	-
180-90 SW/DTSW	1984-	DT	Ring Free XHD 15W/40	18.3	Liquimatic JDF b	21 b	From Rear Drive	-
F 100	1991-96	D	Ring Free XHD 15W/40	13.7	Liquimatic JDF	60	From Transm	-
F 115	1993-96	D	Ring Free XHD 15W/40	13.7	Liquimatic JDF	60	From Transm	-
F 130	1991-96	DT	Ring Free XHD 15W/40	13.7	Liquimatic JDF	60	From Transm	-
F 140	1993-96	DT	Ring Free XHD 15W/40	13.7	Liquimatic JDF	60	From Transm	-

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Wheeled Tractors

NEW HOLLAND (FIATAGRI)

Make/Model	Engine	Transmission	Hydraulics	
G170	1994- DT Ring Free XHD 15W/40	21	Liquimatic JDF	117 From Transm -
G190	1994- DT Ring Free XHD 15W/40	21	Liquimatic JDF	140 From Transm -
G210, G240	1994- DT Ring Free XHD 15W/40	21	Liquimatic JDF	140 From Transm -
L 60	1996- D Ring Free XHD 15W/40	7.5	Liquimatic JDF	49 From Transm -
L 65, L 75	1996-98 D Ring Free XHD 15W/40	11.7	Liquimatic JDF	49/55 From Transm -
L 85, L 95	1996-98 DT Ring Free XHD 15W/40	11.7	Liquimatic JDF	55 From Transm -
M 100, M 115	1996-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
M 135	1996-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
M 160	1996-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	100 From Transm -
TL 70, TL 80	1998-00 D Ring Free XHD 15W/40	11.7	Liquimatic JDF	49/55 From Transm -
TL 90, TL100	1998-00 D Ring Free XHD 15W/40	11.7	Liquimatic JDF	49/55 From Transm -
TM 115	2000-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
TM 125	2000-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
TM 135	2000-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
TM 150	2000-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
TM 160	2000-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	100 From Transm -
TN 55, TN 65-D	1998-00 D Ring Free XHD 15W/40	7.5	Liquimatic JDF	44/55 From Transm -
TN 75D	1998-00 DT Ring Free XHD 15W/40	7.5	Liquimatic JDF	44/55 From Transm -
TN 65, TN 75-F	1998-00 D Ring Free XHD 15W/40	10.5	Liquimatic JDF	44/55 From Transm -
TN 90F	1998-00 DT Ring Free XHD 15W/40	10.5	Liquimatic JDF	44/55 From Transm -
TN 55, TN 65-S	1998-00 D Ring Free XHD 15W/40	7.5	Liquimatic JDF	44/55 From Transm -
TN 75-S	1998-00 DT Ring Free XHD 15W/40	7.5	Liquimatic JDF	44/55 From Transm -
TS 90, TS100	1998-00 D Ring Free XHD 15W/40	11.4	Liquimatic JDF	57/60.6 ef From Transm -
TS 110	1998-00 DT Ring Free XHD 15W/40	11.4	Liquimatic JDF	57/60.6 ef From Transm -
TS 115	1998-00 D Ring Free XHD 15W/40	20.8	Liquimatic JDF	57/60.6 ef From Transm -

- a. Rear Drive Axle and Hydraulic System: 39 ltr - 61 ltr ltr
 - b. Transmission, Powershift: 27.8 ltr ltr, Liquimatic Super ATF
 - c. Front axle housing: 7 ltr; hub reductions: 1.3 ltr each side
 - d. 2WD/4WD
 - e. Transmission/Rear Axle with 12x12 or 24x24 transmission: 56.8 ltr ltr
 - f. Transmission/Rear Axle with 16x16 transmission: 60.6 ltr ltr
 - g. Without/with cab
 - h. With reverse synchro: 55 ltr ltr
 - i. 2WD with reverse synchro: 36 ltr; 4WD without reverse synchro: 25 ltr; 4WD with reverse synchro: 36.5 ltr
 - j. 2WD: 24.5 ltr; 2WD with reverse synchro: 36 ltr; 4WD without reverse synchro: 25 ltr; 4WD with reverse synchro: 36.5 ltr
 - k. Alternative recommendations, Engine: >0°C, 20W-40; <0°C, 10W-30
 - m. With rear diff lock, add 0.6 ltr. With front & rear diff lock, add 1.5 ltr
 - n. Alternative recommendations, Hydraulics: >0°C, 20W-20; <0°C, 10W
- General Notes
1. STOU / TOU are not approved for any application

NEW HOLLAND (FORD)

1120, 1220	1989- D Ring Free XHD 15W/40	3.3	Liquimatic JDF u	16 From Transm -
1320, 1520	1989- D Ring Free XHD 15W/40	4.5	Liquimatic JDF u	22 From Transm -
1720	1989- D Ring Free XHD 15W/40	4.5	Liquimatic JDF u	27 From Transm -
1920	1989- D Ring Free XHD 15W/40	6	Liquimatic JDF u	29 From Transm -
2120	1989- D Ring Free XHD 15W/40	8	Liquimatic JDF u	33 From Transm -
3435, 3935, 4135	1995- DT Ring Free XHD 15W/40	7.3	Liquimatic JDF u	22/23 p From Transm -
3830	1997- D Ring Free XHD 15W/40	7.3	Liquimatic JDF	32 From Transm -
3930	1990- D Ring Free XHD 15W/40	6.6	Liquimatic JDF f	8-12 From Rear Drive -
4330V	1997- D Ring Free XHD 15W/40	11.7	Liquimatic JDF	32 From Transm -
4630	1990- D Ring Free XHD 15W/40	6.6	Liquimatic JDF f	8-12 From Rear Drive -
4635	1996-98 D Ring Free XHD 15W/40	7.5	Liquimatic JDF	49 From Transm -
4835, 5635	1996-98 D Ring Free XHD 15W/40	11.7	Liquimatic JDF	49/55 From Transm -
5030	1992- D Ring Free XHD 15W/40	7.6	Liquimatic JDF f	8-12 From Rear Drive -
5640, 6640	1991- D Ring Free XHD 15W/40	11.4	Liquimatic JDF	57/60.6 From Transm -
6635, 7635	1996-98 DT Ring Free XHD 15W/40	11.7	Liquimatic JDF	55 From Transm -
5600, 6600, 7600 (600 Series)	D / DT Super Farm Universal 10W/30 r	8.5	Liquimatic JDF su	53.0/56.8 From Engine -
7740	1991- DT Ring Free XHD 15W/40	11.4	Liquimatic JDF	57/60.6 From Transm -
7840	1991-98 D Ring Free XHD 15W/40	20.9	Liquimatic JDF	57/60.6 From Transm -
8160, 8260	1996-00 D Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
8240, 8340	1991- D / DT Ring Free XHD 15W/40	20.9	Liquimatic JDF	60.6 From Transm -
8360	1996-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	63-90 From Transm -
8430DT	1993- DT Ring Free XHD 15W/40	15.2	Liquimatic JDF u	q From Transm -
8560	1996-00 DT Ring Free XHD 15W/40	19	Liquimatic JDF	100 From Transm -
8630, 8730	1990-98 DT Ring Free XHD 15W/40	19	Liquimatic JDF	95 c From Transm -
8670, TA8670A	1994-02 DT Ring Free XHD 15W/40	21	Liquimatic JDF	117 From Transm -
8770, TA8770A	1994-02 DT Ring Free XHD 15W/40	21	Liquimatic JDF	140 From Transm -
8830	1990- DT Ring Free XHD 15W/40	19	Liquimatic JDF	96 c From Transm -

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Wheeled Tractors

NEW HOLLAND (FORD)

Make/Model	Engine	Transmission	Hydraulics	
8870, TA8870A, 8970 TA8970A	1994-02 DT Ring Free XHD 15W/40	21 Liquimatic JDF	140 From Transm	-
9280, 9480, 9680, 9880, 9282, 9482, 9682, 9882	1995- DT Ring Free XHD 15W/40	37/39 Liquimatic JDF	38/51 Liquimatic JDF	110 i
TL70, TL 80	1998-00 D Ring Free XHD 15W/40	11.7 Liquimatic JDF	49-55 From Transm	-
TL90, TL 100	1998-00 D Ring Free XHD 15W/40	11.7 Liquimatic JDF	55 From Transm	-
TM110, TM120	1998- DT Ring Free XHD 15W/40	19 Liquimatic JDF	63-80 From Transm	-
TM 115	2000-00 D Ring Free XHD 15W/40	19 Liquimatic JDF	63-90 From Transm	-
TM 125	2000-00 D Ring Free XHD 15W/40	19 Liquimatic JDF	63-90 From Transm	-
TM130, TM140	1998- DT Ring Free XHD 15W/40	19 Liquimatic JDF	65-90 From Transm	-
TM 135	2000-00 DT Ring Free XHD 15W/40	19 Liquimatic JDF	63-90 From Transm	-
TM 150	2000-00 DT Ring Free XHD 15W/40	19 Liquimatic JDF	63-90 From Transm	-
TM 165	2000-00 DT Ring Free XHD 15W/40	19 Liquimatic JDF	100 From Transm	-
TN 55, TN 65-D	1998-00 D Ring Free XHD 15W/40	7.5 Liquimatic JDF	44/55 From Transm	-
TN 55, TN 65-S	1998-00 D Ring Free XHD 15W/40	7.5 Liquimatic JDF	44/55 From Transm	-
TN 75D	1998-00 DT Ring Free XHD 15W/40	7.5 Liquimatic JDF	44/55 From Transm	-
TN 75S	1998-00 DT Ring Free XHD 15W/40	7.5 Liquimatic JDF	44/55 From Transm	-
TN 90F	1998-00 DT Ring Free XHD 15W/40	10.5 Liquimatic JDF	44/55 From Transm	-
TN65, TN 75-F	1998-00 D Ring Free XHD 15W/40	10.5 Liquimatic JDF	44/55 From Transm	-
TS 110	1998-00 DT Ring Free XHD 15W/40	11.4 Liquimatic JDF	57/60.6 jk From Transm	-
TS 115	1998-00 D Ring Free XHD 15W/40	20.8 Liquimatic JDF	jk From Transm	-
TS 90, TS100	1998-00 D Ring Free XHD 15W/40	11.4 Liquimatic JDF	57/60.6 jk From Transm	-

- a. Also recommended, 06/1990-: Liquimatic JDF
- b. Also recommended: Liquimatic JDF
- c. With front wheel drive: Add 5 ltr
- d. Also transfer box
- e. Rear Drive Axle:
- f. Liquimatic JDF/ Super Farm Universal 10W/30 also suitable for models without Shuttle Shift transmission
- g. Also recommended: Super Farm Universal 10W/30
- h. Also recommended: Super Farm Universal 10W/30
- i. With three-point hitch: 117 ltr
- j. Transmission/Rear Axle with 12x12 or 24x24 transmission: 56.8 ltr ltr
- k. Transmission/Rear Axle with 16x16 transmission: 60.6 ltr ltr
- m. Front Axle (FWD): 8.2 ltr ltr
- n. Without/with cab
- p. 2WD/4WD
- q. Gearbox: 18.3 ltr; rear axle, lift hydraulics and PTO: 58.9 ltr
- r. Alternative recommendations, Engine: <-12°C, 5W-20; -12°C to 4°C, 10W; 0°C to 32°C, 20W-20; >24°C, 30
- s. Integral Final Drive:
- t. Also recommended: Lodexol Ultra Drive 80W/90
- u. Additional transmission oil recommendations where Liquimatic JDF wet brake fluid is recommended: Super Farm Universal 10W/30
- v. Alternative recommendations, FW: Super Farm Universal 10W/30
- w. Alternative recommendations, Hydraulics, Versatile: Liquimatic HV46

General Notes

1. Steering Box (Manual): EP80W/90
2. Brake fluids, TW-5, TW-15, TW-25 and Series 35, 40 and 60: LHM Plus; Versatile and 9000 Series: Refer to Main Dealer; All other models: From hydraulics or mechanical

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103-52, 103-54 TX, 103 -54 TZ	1989- DT Super Farm Universal 10W/30 nq	10.3/11.3 Liquimatic JDF	59/61 From Transm	-
106-54 TL	1992- D Super Farm Universal 10W/30 n	14.8 Liquimatic JDF	60 From Transm	-
110-14 TS, 110-54 TX, 110-54 TZ	1986- D Super Farm Universal 10W/30 n	14.8 Liquimatic JDF ce	58/61 de From Transm	-
120-14, 120-54 TX, 120 -54 TZ	1982- D Super Farm Universal 10W/30 n	14.8 Liquimatic JDF ce	60 de From Transm	-
120-54 Nectra	1991- D Super Farm Universal 10W/30 n	14.8 Liquimatic JDF	70 From Transm	-
133-14, 133-54 TX, 133 -54 TZ	1982- D Super Farm Universal 10W/30 n	14.8 Liquimatic JDF ce	60 de From Transm	-
145-14, 145-54 TX, 145 -54 TZ	1982- DT Super Farm Universal 10W/30 nq	15.5 Liquimatic JDF ce	60 de From Transm	-
155-54 Nectra	1991- DT Super Farm Universal 10W/30 nq	15.5 Liquimatic JDF	70 From Transm	-
155-54 TX, 155-54 TZ	1989- DT Super Farm Universal 10W/30 nq	15.5 Liquimatic JDF e	60 e From Transm	-
160-94 TZ	1993- DT Ring Free XHD 15W/40 nq	17 Liquimatic JDF	120 From Transm	-
175-74 TX, 175-74 TZ	1990- DT Super Farm Universal 10W/30 nq	20.4 Liquimatic JDF	85 From Transm	-
180-94 TZ	1993- DT Ring Free XHD 15W/40 nq	17 Liquimatic JDF	120 From Transm	-
50-12 F, 55-12 F	1991- D Super Farm Universal 10W/30 n	9 Liquimatic JDF	31 From Transm	-
55-12 LB, 55-14 LB	1991- D Super Farm Universal 10W/30 n	9 Liquimatic JDF	31 From Transm	-
55-14 F	1991- D Super Farm Universal 10W/30 n	9 Liquimatic JDF	31 From Transm	-
58-32 MX	1991- D Super Farm Universal 10W/30 n	7.8 Liquimatic JDF	46/50 From Transm	-

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
58-34 MX	1991- D Super Farm Universal 10W/30 n	7.8	Liquimatic JDF	48/52 From Transm -
65-32 MX, 65-34 MX	1989- D Super Farm Universal 10W/30 n	7.8	Liquimatic JDF	45/48 b From Transm -
70-12 F, 70-12 V, 80-12 F, 8012 V	1991- D Super Farm Universal 10W/30 n	11	Liquimatic JDF	36/38 From Transm -
70-14 F, 70-14 LB, 70-14 V, 80-14 F, 80-14 V	1991- D Super Farm Universal 10W/30 n	11	Liquimatic JDF	36/38 From Transm -
70-32 PX, 80-32 PX	1989- D Super Farm Universal 10W/30 n	7.2	Liquimatic JDF	46/50 b From Transm -
70-34 PX, 80-34 PX	1989- D Super Farm Universal 10W/30 n	7.2	Liquimatic JDF	48/52 b From Transm -
75-14 TS, 75-14 RS, 77-14 TS	1983- D Super Farm Universal 10W/30 n	11.3	Super Farm Universal 10W/30 p	45 a From Transm -
77-12 TS	1986- D Super Farm Universal 10W/30 n	10.8	Super Farm Universal 10W/30 p	43 a From Transm -
Fructus/Dionis 110, 210	1998- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	31 From Transm -
Fructus/Dionis 120	1998- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	31 From Transm -
Fructus/Dionis 130, 140	1998- D Ring Free XHD 15W/40 n	11	Liquimatic JDF	31 From Transm -
Herdsman 210	1998- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	31 From Transm -
Herdsman 230, 240	1998- D Ring Free XHD 15W/40 n	11	Liquimatic JDF	31 From Transm -
540, 550 (RX or RZ) (Ares)	1997- DT Ring Free XHD Plus 15W/40 nq	12.5	Liquimatic JDF	65 From Transm -
546, 556, 566 (RX or RZ) (Ares)	2002- D / DT Ring Free XHD Plus 15W/40 nq	12.5	Liquimatic JDF	70 From Transm -
610 (RX or RZ) (Ares)	1996- D Ring Free XHD Plus 15W/40 n	17	Liquimatic JDF	65 From Transm -
616 (RX or RZ) (Ares)	2002- D Ring Free XHD Plus 15W/40 n	17	Liquimatic JDF	65-70 From Transm -
620 (RX or RZ) (Ares)	1996- DT Ring Free XHD Plus 15W/40 nq	17	Liquimatic JDF	65 From Transm -
626, 636 (RX or RZ) (Ares)	2002-03 DT Ring Free XHD Plus 15W/40 nq	17	Liquimatic JDF	70 From Transm -
630 (RX or RZ) (Ares)	1996- DT Ring Free XHD Plus 15W/40 nq	17	Liquimatic JDF	70 From Transm -
640 (RX or RZ) (Ares)	1997- DT Ring Free XHD Plus 15W/40 nq	17	Liquimatic JDF	70 From Transm -
656 (RX or RZ) (Ares)	2003- DT Ring Free XHD Plus 15W/40 nq	17	Liquimatic JDF	65 From Transm -
696 (RX or RZ) (Ares)	2002- DT Ring Free XHD Plus 15W/40 nq	17	Liquimatic JDF	65-70 From Transm -
710, 720 (RX or RZ) (Ares)	1997- DT Ring Free XHD Plus 15W/40 nq	25	Liquimatic JDF	95/105 g From Transm -
715, 725, 735 (RX or RZ) (Ares)	1999- D Ring Free XHD Plus 15W/40 n	28	Liquimatic JDF	120 From Transm -
815 (RX or RZ) (Ares)	1999- DT Ring Free XHD Plus 15W/40 nq	28	Liquimatic JDF	145 From Transm -
816 (RX or RZ) (Ares)	2002- DT Ring Free XHD Plus 15W/40 nq	28	Liquimatic JDF	120 From Transm -
825 (RX or RZ) (Ares)	1999- DT Ring Free XHD Plus 15W/40 nq	28	Liquimatic JDF	145 From Transm -
826, 836 (RX or RZ) (Ares)	2002- DT Ring Free XHD Plus 15W/40 nq	28	Liquimatic JDF	120 From Transm -
915RZ (Atlas Series)	2000- DT Ring Free XHD Plus 15W/40 nq	22	Liquimatic JDF	150 From Transm -
925RZ (Atlas Series)	2000-02 DT Ring Free XHD Plus 15W/40 nq	22	Liquimatic JDF	150 From Transm -
926RZ, 936RZ (Atlas Series)	2002- DT Ring Free XHD Plus 15W/40 nq	22	Liquimatic JDF	150-158 From Transm -
935RZ (Atlas Series)	2000- DT Ring Free XHD Plus 15W/40 nq	22	Liquimatic JDF	158 From Transm -
426 (Celtis)	2003- D Ring Free XHD Plus 15W/40 n	12.5	Liquimatic JDF	55 From Transm -
436, 446 (Celtis)	2003- DT Ring Free XHD Plus 15W/40 nq	12.5	Liquimatic JDF	55 From Transm -
456 (Celtis)	2003- DT Ring Free XHD Plus 15W/40 nq	12.5	Liquimatic JDF	55 From Transm -
310 (Ceres)	1996- D Ring Free XHD 15W/40 n	7	Liquimatic JDF	53/56 f From Transm -
320, 325S (Ceres)	1996- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	53/56 f From Transm -
320X, 325X (Ceres)	1999- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	53/60 f From Transm -
325, 335 (Ceres)	2001- D Ring Free XHD 15W/40 n	11	Liquimatic JDF	57/60 f From Transm -
330, 335S (Ceres)	1996- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	57/60 f From Transm -
330X, 335X (Ceres)	1999- D Ring Free XHD 15W/40 n	9	Liquimatic JDF	53/60 f From Transm -
340, 345S (Ceres)	1996- D Ring Free XHD 15W/40 n	11	Liquimatic JDF	57/60 f From Transm -
340X, 345X (Ceres)	1999- DT Ring Free XHDS 10W/40 nq	11	Liquimatic JDF	57/60 f From Transm -
345, 355 (Ceres)	2001- DT Ring Free XHDS 10W/40 nq	11	Liquimatic JDF	57/60 f From Transm -
350, 350X, 355S, 355X (Ceres)	1999- D / DT Ring Free XHDS 10W/40 nq	9	Liquimatic JDF	57/60 f From Transm -
355 (Ceres)	1999- D / DT Ring Free XHD 15W/40 nq	11	Liquimatic JDF	58/65 From Transm -

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Wheeled Tractors

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Make/Model	Engine	Transmission	Hydraulics	
65, 70 (Ceres)	1993- D Super Farm Universal 10W/30 n	7.8 Liquimatic JDF	52/54 f	From Transm -
75, 75X (Ceres)	1993- D Super Farm Universal 10W/30 n	7.2 Liquimatic JDF	52/54 f	From Transm -
85, 85X, 95, 95X (Ceres)	1993- D Super Farm Universal 10W/30 n	11.3 Liquimatic JDF	52/54 f	From Transm -
S 65 (Ceres)	1995- D Ring Free XHD 15W/40	7 Liquimatic JDF	53/57 f	From Transm -
S 75 (Ceres)	1995- D Ring Free XHD 15W/40	9 Liquimatic JDF	53/57 f	From Transm -
S 85 (Ceres)	1995- D Ring Free XHD 15W/40	9 Liquimatic JDF	56/60 f	From Transm -
S 95 (Ceres)	1995- DT Ring Free XHD 15W/40 q	11 Liquimatic JDF	56/60 f	From Transm -
330, 335 (Cergos)	1997- D Ring Free XHD 15W/40 n	9 Liquimatic JDF	65	From Transm -
340, 345, 350, 355 (Cergos)	1997- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF	65	From Transm -
100 RM (Ergos)	2001- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF	55/58 f	From Transm -
100 RM Hydro, 110 RM Hydro (Ergos)	2001- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF j	55/58 f	From Transm -
105 RM (Ergos)	1999- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF	60/65 f	From Transm -
110 RM (Ergos)	2001- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF	55/58 f	From Transm -
85 RM (Ergos)	1999- D Ring Free XHD 15W/40 n	9 Liquimatic JDF	60/65 f	From Transm -
90 RM (Ergos)	2001- D Ring Free XHD 15W/40 n	11 Liquimatic JDF	55/58 f	From Transm -
95 RM (Ergos)	1999- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF	60/65 f	From Transm -
95 RM Hydro, 105 RM Hydro (Ergos)	1999- DT Ring Free XHD 15W/40 nq	11 Liquimatic JDF j	53/56 f	From Transm -
210 RM (Pales)	1999- D Ring Free XHD 15W/40 n	9 Liquimatic JDF	31	From Transm -
230 RM, 240 RM (Pales)	1999- D Ring Free XHD 15W/40 n	11 Liquimatic JDF	31	From Transm -
550X (Temis Series)	2000- DT Ring Free XHD 15W/40 nq	13.5 Liquimatic JDF	60/65	From Transm -
610X, 610Z (Temis Series)	2000- DT Ring Free XHD 15W/40 nq	13.5 Liquimatic JDF	60/65	From Transm -
630X, 630Z (Temis Series)	2000- DT Ring Free XHD 15W/40 nq	13.5 Liquimatic JDF	60/65	From Transm -
650X, 650Z (Temis Series)	2000- DT Ring Free XHD 15W/40 nq	13.5 Liquimatic JDF	60/65	From Transm -

- a. With external hydraulic equipment: Add 13 ltr
 - b. With external hydraulic equipment: Add 10 ltr
 - c. Models before June. 1988 without wet brakes: Super Farm Universal 10W/30 also suitable
 - d. Without/with wet brakes
 - e. Transmission, Tractoshift: 70 ltr
 - f. 2WD/4WD
 - g. Ares 710/720
 - h. Cergos 330 front axle: 6 ltr; front hubs: 0.7 ltr; Cergos 340, 350 front axle: 5.5 ltr; front hubs: 0.6 ltr; PTO: 0.5 ltr
 - i. Dionis/Fructus
 - j. Hydrostatic Transmission: 80 ltr
 - k. Rigid axle/sprung axle
 - m. Capacity unquoted:
 - n. Additional engine oil recommendations (except Ceres S Models), naturally aspirated: Ring Free XHD 15W/40, turbocharged: Ring Free XHD Plus 15W/40
 - p. Also recommended: Liquimatic JDF
 - q. Super Farm Universal 10W/30 approved in turbocharged engines after first 200 hrs
- GENERAL NOTES:**
- Use only CC oils in air cooled and naturally aspirated engines for run-in and early life. Super Farm Universal 10W/30 in engines approved after first 200 hrs.
 - Girtrac brakes (TS, TX, TZ ranges except 180-94 TZ and 160-94 TZ): Brake Fluid DOT 4; 180-94 TZ and 160-94 TZ: Liquimatic Super ATF; Ares and Atlas range: LHM Plus; Temis Range: J1703 F, Brake Fluid DOT 4
 - Super Farm Universal 10W/30 is not approved for transmissions fitted with wet brakes ie. where Liquimatic JDF is recommended or for ARES models

SAME LAMBORGHINI-LAMBORGHINI

105 Formula DT	1989- DT	Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	52	From Transm	-
1060 Premium	1995- D	Ring Free XHD 15W/40	15	Liquimatic JDF	71	From Transm	-
1100 Premium, 1300 Premium	D / DT	Ring Free XHD 15W/40	16	Liquimatic JDF	75	From Transm	-
115, 135 Formula DT	1990- DT	Ring Free XHD 15W/40 a	15	Liquimatic JDF	75	From Transm	-
150 Racing	1994- DT	Ring Free XHD 15W/40	15	Liquimatic JDF	118	From Transm	-
1600 Premium, 1800 Premium	D / DT	Ring Free XHD 15W/40	16	Liquimatic JDF	113	From Transm	-
165 Racing	1991- DT	Ring Free XHD 15W/40	15	Liquimatic JDF	118	From Transm	-
190 Racing	1992- DT	Ring Free XHD 15W/40	15	Liquimatic JDF	118	From Transm	-
554-50 Crono, 564-60 Crono, 574-70 Crono, 554-55F, 564-65F, 574-75F	D / DT	Ring Free XHD 15W/40	8.8	Liquimatic JDF	41	From Transm	-
600, 600-DT	1989- D	Ring Free XHD 15W/40 a	6.7	Liquimatic JDF	28	From Transm	-
654-55 Sprint	D / DT	Ring Free XHD 15W/40	7.7	Liquimatic JDF	41	From Transm	-
660-F Plus	1991- D	Ring Free XHD 15W/40	6.7	Liquimatic JDF	28	From Transm	-
660S Agile, 770S Agile	D / DT	Ring Free XHD 15W/40	7.7	Liquimatic JDF	41	From Transm	-
660V	D / DT	Ring Free XHD 15W/40	7.7	Liquimatic JDF	33	From Transm	-
660V Agile	D / DT	Ring Free XHD 15W/40	7.7	Liquimatic JDF	41	From Transm	-
664-565 Sprint, 674-75 Sprint, 684-85 Sprint	D / DT	Ring Free XHD 15W/40	12	Liquimatic JDF	41	From Transm	-
664-60 Sprint	D / DT	Ring Free XHD 15W/40 c	6.7	Liquimatic JDF d	41	From Transm	-

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Wheeled Tractors

SAME LAMBORGHINI-
I AMBORGHINI

Make/Model	Engine	Transmission	Hydraulics	
664-65 Sprint, 674-70 Sprint	D / DT Ring Free XHD 15W/40 c	11	Liquimatic JDF d	41 From Transm -
674-70 Grand Prix LS, 774-80 Grand Prix LS, 874-90 Turbo Grand Prix LS	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 -
674-70GP, -DT 1987-	D Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	45 From Transm -
674-70N, 774-80N, 874-80N Basso	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
674-70N Club 1.5, 774-80N Club 1.5	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
674-70N Gamma 1.5, 774-80N Gamma 1.5	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
700, -DT, -Twin System 1989-	DT Ring Free XHD 15W/40 a	7.1	Liquimatic JDF	28 From Transm -
774-80 GP, -DT 1986-	D Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	52 From Transm -
774-80 LP 1991-	D Ring Free XHD 15W/40	9.2	Liquimatic JDF	52 From Transm -
775-F Plus 1991-	DT Ring Free XHD 15W/40	6.7	Liquimatic JDF	28 From Transm -
775V	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	33 From Transm -
775V Agile	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
850 Premium, 950 Premium, 1050 Premium 1995-	D / DT Ring Free XHD 15W/40	9	Liquimatic JDF	71 From Transm -
874-90 T, -Turbo GP 1986-	DT Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	52 From Transm -
880-F Plus, 990-F Plus	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	33 From Transm -
880S Agile, 990S Agile	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
Champion 120, 135, 150, 2000-160, 180, 200	D Ring Free XHD 15W/40	15	Liquimatic JDF b	113 From Transm -
High Clearance 90	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
R483, R483DT	D / DT Ring Free XHD 15W/40	6.5	Liquimatic JDF	24.0 From Gearbox -
Runner 250 1992-	D Ring Free XHD 15W/40	4.6	Liquimatic JDF	21 From Transm -
Runner 250 Jet	D / DT Ring Free XHD 15W/40	4.6	Liquimatic Super ATF	28 From Transm -
Runner 350, Runner 350A, Runner 350 Heavy Duty, Runner 450, Runner 500	D / DT Ring Free XHD 15W/40	6.6	Liquimatic JDF	21 From Transm -
Twin System 90 1991-	DT Ring Free XHD 15W/40	9.2	Liquimatic JDF	52 From Transm -
Victory 230 Plus, Victory 260 Plus	D / DT Ring Free XHD 15W/40	22	Refer to Main Dealer	80 From Transm -
10000S, 13000, 12500, 14500 (10000 Series mk-II)	D / DT Ring Free XHD 30 g	18.0	Super Farm Universal 10W/30	80.0/81.0 From Gearbox -
R1.30 (R1 Series)	D / DT Ring Free XHD 15W/40	5.1	Liquimatic JDF	21 From Transm -
R1.40, R1.50 (R1 Series)	D / DT Ring Free XHD 15W/40	7.1	Liquimatic JDF	21 From Transm -
R2.56, R2.66 (R2 Series)	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41.0 From Transm -
R2.76, R2.86 (R2 Series)	D / DT Ring Free XHD 15W/40	12.0	Liquimatic JDF	41.0 From Transm -
R3.75, R3.85, R3.95 (R3 Series)	D / DT Ring Free XHD 15W/40 f	12	Liquimatic JDF	71 From Transm -
R4.105 (R4 Series)	D / DT Ring Free XHD 15W/40 f	16	Liquimatic JDF	71 From Transm -
R4.110 (R4 Series)	D / DT Ring Free XHD 15W/40 f	12	Liquimatic JDF	71 From Transm -
R4.85, R4.95 (R4 Series)	D / DT Ring Free XHD 15W/40 f	12	Liquimatic JDF	71 From Transm -
R5.115, R5.130 (R5 Series)	D / DT Ring Free XHD 15W/40 f	16	Liquimatic JDF	75 From Transm -
RF.55, RF.70, RF.75, RF.90, RF.100 (RF Series)	D / DT Ring Free XHD 15W/40	7.7/12.0	Liquimatic JDF	41.0 From Gearbox -

- a. Models up to 1991: CDSE also suitable
 b. Also includes, Power Shift, Main Clutch, Front and Rear Lift, Hydrostatic Steering and Auxiliary Systems
 c. Alternative recommendations, Engine: 15°C to 40°C, 15W-40; -25°C to 30°C, 10W-30
 d. Includes hydraulics and steering
 e. Capacity unquoted:
 f. Alternative recommendations: 10W-30; 15W-40
 g. Alternative recommendations, Engine: <0°C, 10W; 0°C to 27°C, 20W-20; >27°C, 30
 h. Liquid cooling systems (all models to April 1993). Use Universal Antifreeze at a concentration of 50% or one part Universal Antifreeze with one part water, plus 0.5 ltr corrosion inhibiting fluid to Same Lamborghini Part No. 007.1007.0. April 1993 onwards: use only AKROS FLUID (identified by decal in cab)
- General Notes
 1. Hydrostatic steering: Runner 250, 350, 660-F, -Plus, 600, 674 (all models), 700, -Twin system, 774 (all models), 775-F, -Plus, Formula (all models), 1706 (after Serial No. 1047), 150 Racing, 165 Racing, 190 Racing and Premium range: Liquimatic JDF. All other models: Liquimatic Super ATF
 2. Super Farm Universal 10W/30 is not recommended for any application

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Wheeled Tractors

SAME LAMBORGHINI-SAME

Make/Model	Engine	Transmission	Hydraulics	
SAME LAMBORGHINI-SAME				
Antares 100	1989- DT Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	52 From Transm -
Antares 110, 130; Top 110, 130	1990- DT Ring Free XHD 15W/40 a	15	Liquimatic JDF	75 From Transm -
Antares II 110, 130	D / DT Ring Free XHD 15W/40	16.5	Liquimatic JDF	75 From Transm -
Argon 50, 60, 70	D / DT Ring Free XHD 15W/40	8.8	Liquimatic JDF	41 From Transm -
Argon 55F, 65F, 75F	D / DT Ring Free XHD 15W/40	8.8	Liquimatic JDF	41 From Transm -
Aster 60	1989- D Ring Free XHD 15W/40 a	6.7	Liquimatic JDF	28 From Transm -
Aster 70, Dual Trac 70	1989- DT Ring Free XHD 15W/40 a	7.1	Liquimatic JDF	28 From Transm -
Delfino 35, 35 Frutteto	D / DT Ring Free XHD 15W/40	6.4	Liquimatic JDF	32 From Transm -
Diamond II 230, 260	D / DT Ring Free XHD 15W/40	23	d	80 From Transm -
Dorado 55, 60, 65	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41 From Transm -
Dorado 70, 75, 85	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
Explorer 60 II Special	D / DT Ring Free XHD 15W/40	8.2	Liquimatic JDF	52 From Transm -
Explorer 60 Special	D / DT Ring Free XHD 15W/40	8.2	Liquimatic JDF	52 From Transm -
Explorer 60-II Top	D / DT Ring Free XHD 15W/40	8.2	Liquimatic JDF	52 From Transm -
Explorer 70, 70-II, 70-L	1987- D Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	45 From Transm -
Explorer 70, 80, 90T (Special Gamma 1.5)	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Explorer 70 II Special	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Explorer 70 Special, 80 Special, 90 Special	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Explorer 70-II Top, 80-II Top	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Explorer 80, 80-II, 80-LP	1986- D Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	52 From Transm -
Explorer 80 II Special Basso	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Explorer 90 T, 90 T-II, Dual Trac 90	1986- DT Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	52 From Transm -
Frutteto 85-II	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	33 From Transm -
Frutteto 60, 60-II	1988- D Ring Free XHD 15W/40 a	6.7	Liquimatic JDF	28 From Transm -
Frutteto 75, 75-II	1988- D Ring Free XHD 15W/40 a	9.2	Liquimatic JDF	28 From Transm -
Golden 60 Compatto, 65 Compatto	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41 From Transm -
Golden 60V	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41 From Transm -
Golden 75 Compatto, 85 Compatto	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
Golden 75V	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
Laser 150 Turbo	DT Ring Free XHD 15W/40	17.7	Liquimatic JDF	76 From Transm -
R4.05, R5.115, R5.130	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	71/75 From Gearbox -
R4.85, R4.95, R4.110	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	71 From Gearbox -
Ranger 45, 45 Frutteto	D / DT Ring Free XHD 15W/40	8.8	Liquimatic JDF	32 From Transm -
Row Crop 100	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Row Crop 100.6	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	71 From Transm -
Row Crop 90	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	52 From Transm -
Rubin 120, 135, 150, 160, 180, 200	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	113 From Transm -
Silver 100.6	1995- D Ring Free XHD 15W/40	16	Liquimatic JDF	71 From Transm -
Silver 80, 90, 100.4	1995- D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	71 From Transm -
Solar 50	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	28 From Transm -
Solaris 25, 35	1992- D Ring Free XHD 15W/40	3.6/5.1	Liquimatic JDF	21 From Transm -
Solaris 25 Hydro	D / DT Ring Free XHD 15W/40	5.1	Liquimatic Super ATF	2.8 From Transm -
Solaris 35 Wind, 35 Heavy Duty	D / DT Ring Free XHD 15W/40	7.1	Liquimatic JDF	21 From Transm -
Solaris 45, 50	D / DT Ring Free XHD 15W/40	7.1	Liquimatic JDF	21 From Transm -
Titan 145	1994- DT Ring Free XHD 15W/40	15	Liquimatic JDF	118 From Transm -
Titan 145-150	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	118 From Transm -
Titan 160	1991- DT Ring Free XHD 15W/40	15	Liquimatic JDF	118 From Transm -
Titan 160-165	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	118 From Transm -
Titan 190	1993- DT Ring Free XHD 15W/40	15	Liquimatic JDF	118 From Transm -
Titan Supertitan	D / DT Ring Free XHD 15W/40	16	Liquimatic JDF	118 From Transm -
Vigneron 62	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	33 From Transm -
Vigneron 75	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	33 From Transm -
56, 66, 76, 86 (Dorado)	D / DT Ring Free XHD 15W/40	7.7/12.0	Liquimatic JDF	41.0 From Transm -
F55, F70 (Dorado F Series)	D / DT Ring Free XHD 15W/40	7.7	Liquimatic JDF	41 From Transm -
F75, F90, F100 (Dorado F Series)	D / DT Ring Free XHD 15W/40	12	Liquimatic JDF	41 From Transm -
85, 95 (Explorer Series)	DT Ring Free XHD 15W/40	12	Liquimatic JDF	71 From Gearbox -
175S, 190S, 200 (Iron Series)	DT Ring Free XHD 15W/40	18	Liquimatic JDF	113 From Gearbox -

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Wheeled Tractors

SAME LAMBORGHINI-SAME

Make/Model	Engine	Transmission	Hydraulics	
100.4 (Silver - Medium Series)	D / DT Ring Free XHD 15W/40 b	11 Liqumatic JDF	71 From Gearbox	-
100.6 (Silver - Medium Series)	D / DT Ring Free XHD 15W/40 b	16 Liqumatic JDF	71 From Gearbox	-
110, 115, 130 (Silver - Medium Series)	D / DT Ring Free XHD 15W/40 b	16 Liqumatic JDF	75 From Gearbox	-
80, 90 (Silver - Medium Series)	D / DT Ring Free XHD 15W/40 b	11 Liqumatic JDF	71 From Gearbox	-
30, 40 (Solaris)	D / DT Ring Free XHD 15W/40	5.1/7.1 Liqumatic JDF	21 From Gearbox	-

- a. Models up to 1991: Ring Free XHD 15W/40 also suitable
 b. Alternative recommendations, Engine: -15°C to 40°C, 15W-40; -25°C to 30°C, 10W-30
 c. Capacity unquoted:
 d. Refer to Main Dealer
 e. Liquid cooling systems (all models to April 1993). Use Universal Antifreeze at a concentration of 50% or one part Universal Antifreeze with one part water, plus 0.5 ltr corrosion inhibiting fluid to Same Lamborghini Part No. 007.1007.0. April 1993 onwards: use only AKROS FLUID (identified by decal in cab)

General Notes

1. Hydrostatic steering: Solaris 25, 35, Frutteto (all models), 70, Dual Trac 70, Aster 60, Explorer (all models), Dual Trac 90, Antares (all models), Galaxy (after Serial No. 1216), Titan and Silver: Liqumatic JDF. All other models: Liqumatic Super ATF
 2. Super Farm Universal 10W/30 is not recommended in any application

STEYR

120CVT, 130CVT	2003-	DT	Ring Free XHD 15W/40 h	20	Refer to Main Dealer	60	Liqumatic Super ATF	51
150CVT, 170CVT	2003-	DT	Ring Free XHD 15W/40 h	20	Refer to Main Dealer	60	Liqumatic Super ATF	51
6135, 6145, 6155, 6170, 6190 (CVT)		D / DT	Ring Free XC 10W/30	20	Refer to Main Dealer	60	Triad 46	52
667A		DT	Ring Free XHD 15W/40 fh	7	Super Farm Universal 10W/30	23	Triad 46	25-35
680A		D	eh	9	Super Farm Universal 10W/30	23	Triad 46	25-35
942, 942A	1992-	D	Ring Free XHD 15W/40 h	7.2	Liqumatic JDF	22/24	Triad 46 d	10
948, 948A	1992-	DT	Ring Free XHD 15W/40 h	7.2	Liqumatic JDF	22/24	Triad 46 d	10
955, 955A	1992-	D	Ring Free XHD 15W/40 h	6.6	Liqumatic JDF a	22/24	Triad 46 d	15
958		DT	Ring Free XHDS 10W/40 fh	7.5	Super Farm Universal 10W/30 c	22	Liqumatic DII	19.6
958A		DT	Ring Free XHDS 10W/40 fh	7.5	Super Farm Universal 10W/30 c	24	Liqumatic DII	19.6
964, 964A, 970A	1992-	DT	Ring Free XHD 15W/40 h	7	Liqumatic JDF a	22/24	Triad 46 d	15
8045		D	eh	7.2	Liqumatic JDF f	22	Liqumatic Super ATF	9.6
8045A		D	eh	7.2	Liqumatic JDF f	24	Liqumatic Super ATF	9.6
8055A (turbo)		DT	Ring Free XHD 15W/40 fh	7	Liqumatic JDF f	24	Triad 46 d	9.6
8055AS		D	eh	7	Liqumatic JDF f	24	Triad 46 d	9.6
8055S		D	eh	7-7.5	Liqumatic JDF f	22	Triad 46 d	9.6
8060, 8060A	1984-	D	Ring Free XHD 15W/40 h	6.4/6.8	Liqumatic JDF	24.5/26.5	Triad 46 d	10/11
8065A	1992-	DT	Ring Free XHD 15W/40 h	7	Liqumatic JDF	24	Triad 46 d	10
8065AP		DT	Ring Free XHD 15W/40 fh	7	Liqumatic JDF f	24	Triad 46 d	9.6
8065AS		DT	Ring Free XHD 15W/40 fh	7	Liqumatic JDF f	24	Triad 46 d	9.6
8065S		DT	Ring Free XHD 15W/40 f	7	Liqumatic JDF f	22	Triad 46 d	9.6
8070, 8070A	1984-	D	Ring Free XHD 15W/40 h	9/9.6	Liqumatic JDF	24.5/26.5	Triad 46 d	15/16
8075	1992-	D	Ring Free XHD 15W/40 hj	9/9.6	Liqumatic JDF	22/24	Triad 46 d	10
8075A		D	ehj	9	Liqumatic JDF f	24 g	Triad 46 d	14 g
8075AP		D	ehj	9	Liqumatic JDF f	24	Triad 46 d	9.6
8075AS		D	ehj	9	Liqumatic JDF f	24	Triad 46 d	9.6
8075P		D	ehj	9-9.6	Liqumatic JDF f	22	Triad 46 d	9.6
8075S		D	ehj	9	Liqumatic JDF f	22	Triad 46 d	9.6
8080, 8080A	1984-	DT	Ring Free XHD 15W/40 h	9/9.6	Liqumatic JDF	27.5/29.5	Triad 46 d	15.5
8085A, 8095AP		DT	Ring Free XHD 15W/40 fh	9	Liqumatic JDF f	27.5	From Transm	-
8090, 8090A	1984-	DT	Ring Free XHD 15W/40 h	9/9.6	Liqumatic JDF	29/31	From Transm	-
8100, 8100A, 8110, 8110A	1984-	D	Ring Free XHD 15W/40 h	13.8	As Engine	38/40	Triad 46 d	16
8120, 8120A, 8130, 8130A	1984-	DT	Ring Free XHD 15W/40 h	13.8	As Engine	38/40	Triad 46 d	16
8140		D	eh	12.5	Super Farm Universal 10W/30	80	From Transm	-
8150A	1984-	DT	Ring Free XHD 15W/40 h	12.5	Super Farm Universal 10W/30	85	From Transm	-
8165A, 8180A	1992-	DT	Ring Free XHD 15W/40 h	14	Super Farm Universal 10W/30	85	From Transm	-
9078, 9078A	1992-	DT	Ring Free XHD 15W/40 h	8.5	Super Farm Universal 10W/30	31/33	Triad 46 d	34
9083A	1994-	DT	Ring Free XHD 15W/40 h	8.5	Super Farm Universal 10W/30 c	34	Triad 46 d	30
9086, 9086A, 9094 A	1992-	DT	Ring Free XHD 15W/40 h	8.5	Super Farm Universal 10W/30 c	32/34	Triad 46 d	34
9105A	1995-	DT	Ring Free XHD 15W/40 h	14	Super Farm Universal 10W/30	70	From Transm	-

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Wheeled Tractors

STEYR

Make/Model	Engine	Transmission	Hydraulics	
9115A, 9125A, 9145A	1995- DT Ring Free XHD 15W/40 h 20	Super Farm Universal 10W/30	70	From Transm -
9155A, 9170A, 9190A	1992- DT Ring Free XHD 15W/40 h 21	Super Farm Universal 10W/30 c	75	From Transm -
9160A, 9180A, 9200A	DT Ring Free XHD 15W/40 fh 21	Super Farm Universal 10W/30 c	90	From Transm -
9320	1995- DT Ring Free XHD 15W/40 h 19	Triad 46	63	From Transm -
360, 370, 375 (Kompakt)	DT Ring Free XC 10W/30 7.5	Liquimatic JDF	42	From Transm -
M948	D hj 7.5	Super Farm Universal 10W/30 c	22	Liquimatic DII 19.6
M948A	D h 7.5	Super Farm Universal 10W/30 c	24	Liquimatic DII 19.6
M958	DT Ring Free XHD 15W/40 fhj 7.5	Super Farm Universal 10W/30 c	22	Liquimatic DII 19.6
M958A	DT Ring Free XHD 15W/40 f 7.5	Super Farm Universal 10W/30 c	24	Liquimatic DII 19.6
M968	DT Ring Free XHD 15W/40 fh 7	Super Farm Universal 10W/30 c	24	Liquimatic DII 23
M968A, M975A	1994- DT Ring Free XHD 15W/40 h 7	Super Farm Universal 10W/30 c	30	Triad 46 d 15
9080, 9090, 9100 (M Series)	DT Ring Free XC 10W/30 12	Refer to Main Dealer	31	Liquimatic HV46 34
4100, 4115, 6115, 6125, 6135 (Profi)	DT Ring Free XC 10W/30 10	Liquimatic JDF	i	From Transm -

- a. From chassis no. 01739: Super Farm Universal 10W/30, Liquimatic JDF
 b. With multi-disc self locking differential: XEP 90
 c. Also recommended: Liquimatic JDF
 d. Alternative recommendations: Super Farm Universal 10W/30; Liquimatic JDF
 e. Also recommended: Superfarm Universal 10W/30
 f. Also recommended: Super Farm Universal 10W/30
 g. Models with common oil supply for transmission and power lift: axle, 27.5 ltr; hubs (each), 2.8 ltr
 h. Differential (4WD), 25.25 / 20.29: 2.2 ltr / 5.5 ltr
 i. 16X16 with reinforced rear axle 65.5ltrs; 16X16 with standard rear axle 58.5ltrs; 24X24 with reinforced rear axle 62ltrs; 24X24 with standard rear axle 55ltrs.
 j. Alternative recommendations, Engine: -20°C to 30°C, 10W-30; -20°C to >30°C, 10W-40; -20°C to >30°C, 10W-50; -10°C to >30°C, 15W-40; >-5°C, 20W-50
 k. Without / with front brakes
 m. Rear Drive Axle, 155, 190 HP / 135, 145 HP:

General Notes

1. Super Farm Universal 10W/30 is approved for all engines and transmissions and all rear hubs, except 9320 and rear hubs on 9100 Series and all new series from 1996

TYM

T350, T390, T430	2000- D Super Farm Universal 10W/30 a 8	Liquimatic JDF	29	From Transm -
T431	2000- D Super Farm Universal 10W/30 a 9	Liquimatic JDF	29	From Transm -
T500	2000- D Super Farm Universal 10W/30 a 8	Liquimatic JDF	34	From Transm -
T550	2000- D Super Farm Universal 10W/30 a 7	Liquimatic JDF	34	From Transm -

- a. Alternative recommendations, Engine: 0°C to >25°C, 10W-30

UNIVERSAL

453, 533, -DT	1988- D Super Farm Universal 10W/30 7	Super Farm Universal 10W/30	23	From Transm -
643, 643DT	1988- D Super Farm Universal 10W/30 10	Super Farm Universal 10W/30	23	From Transm -
723, 723DT	1988- D Super Farm Universal 10W/30 10	Super Farm Universal 10W/30	32	From Transm -
853, 853DT	1989- DT Super Farm Universal 10W/30 10	Super Farm Universal 10W/30	32	From Transm -

URSUS

490	1994- D Super Farm Universal 10W/30 b 7	Super Farm Universal 10W/30 b	42	From Transm -
912, 914	1985- D Super Farm Universal 10W/30 b 10	Super Farm Universal 10W/30 b	45	From Transm -
932, 934	1993- D Super Farm Universal 10W/30 b 10	Super Farm Universal 10W/30 b	45	From Transm -
1012, 1014	1985- DT Super Farm Universal 10W/30 b 10	Super Farm Universal 10W/30 b	45	From Transm -
1032, 1034	1993- DT Super Farm Universal 10W/30 b 10	Super Farm Universal 10W/30 b	45	From Transm -
1222, 1224, 1224 T	1985- D / DT Super Farm Universal 10W/30 b 19	Super Farm Universal 10W/30 b	50	From Transm -
1234, 1234 T	1993- D / DT Super Farm Universal 10W/30 b 19	Super Farm Universal 10W/30 b	50	From Transm -
2812, 3512	1987- D Super Farm Universal 10W/30 b 6.8	Super Farm Universal 10W/30 b	42	From Transm -

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Wheeled Tractors

URSUS

Make/Model	Engine	Transmission	Hydraulics	
4512, 4512 T	1989- D / DT Super Farm Universal 10W/30 b	7 Super Farm Universal 10W/30 b	42 From Transm	-
4514, 4514 T	1990- D / DT Super Farm Universal 10W/30 b	7 Super Farm Universal 10W/30 b	42 From Transm	-
5312, 5312 T	1993- D / DT Super Farm Universal 10W/30 b	7 Super Farm Universal 10W/30 b	42 From Transm	-
5314, 5314 T	1993- D / DT Super Farm Universal 10W/30 b	7 Super Farm Universal 10W/30 b	42 From Transm	-

- a. Super Farm Universal 10W/30 also suitable for rear hubs and front axles
 b. Magnol STOU 15W/30 also suitable for naturally aspirated engines, all transmissions, hubs and axles

VALTRA incl VALMET

115	DT	Super Farm Universal 10W/30 it	13	Super Farm Universal 10W/30 j	43-50	From Transm	-
205, 555	D	Super Farm Universal 10W/30 kt	7	Super Farm Universal 10W/30	23	Super Farm Universal 10W/30 p	35
305, 405, 455, 465, 565	1985- DT	Super Farm Universal 10W/30 t	7	Super Farm Universal 10W/30	23	Super Farm Universal 10W/30	35
3100, 3300	DT	Super Farm Universal 10W/30 t	9	Liquimatic JDF	36-38	From Transm	-
3400, 3500	DT	Super Farm Universal 10W/30 t	11	Liquimatic JDF	36-38	From Transm	-
355, 365	1993- D	Super Farm Universal 10W/30 t	7	Super Farm Universal 10W/30	23	Super Farm Universal 10W/30	35
600, 700	D	Super Farm Universal 10W/30 kt	7	Super Farm Universal 10W/30	27	Super Farm Universal 10W/30 p	35
665	1992- D	Super Farm Universal 10W/30 t	13	Super Farm Universal 10W/30	23	Super Farm Universal 10W/30	35
800, 900	D	Super Farm Universal 10W/30 kt	9	Super Farm Universal 10W/30	27	Super Farm Universal 10W/30 p	35
865	1996- DT	Super Farm Universal 10W/30 t	12	Super Farm Universal 10W/30	51	From Transm	-
95, 105	DT	Super Farm Universal 10W/30 it	13	Super Farm Universal 10W/30 j	43-50	From Transm	-
A65-2, A65-4 (A Series)	DT	Super Farm Universal 10W/30 dt	g	Liquimatic JDF	g	Liquimatic JDF c	g
A75-2, A75-4 (A Series)	DT	Super Farm Universal 10W/30 dt	g	Liquimatic JDF	g	Liquimatic JDF c	g
A85-2, A85-4 (A Series)	DT	Super Farm Universal 10W/30 dt	g	Liquimatic JDF	g	Liquimatic JDF c	g
A95-2, A95-4 (A Series)	DT	Super Farm Universal 10W/30 dt	g	Liquimatic JDF	g	Liquimatic JDF c	g
6550 X 100 (Articulated)	DT	Ring Free XHD Plus 15W/40 dt	13	Liquimatic JDF	55-65	From Transm	-
6650 X 110, 6850 X 120 (Articulated)	DT	Ring Free XHD Plus 15W/40 dt	13	Liquimatic JDF	55-65	From Transm	-
C100 (C Series)	2004- DT	Ring Free XHD Plus 15W/40 t	19	h	45-65	From Transm	-
C110 (C Series)	2004- DT	Ring Free XHD Plus 15W/40 t	19	h	45-65	From Transm	-
C120, C120 Eco Power (C Series)	2004- DT	Ring Free XHD Plus 15W/40 t	19	h	45-65	From Transm	-
C130 (C Series)	2004- DT	Ring Free XHD Plus 15W/40 t	19	h	45-65	From Transm	-
C150 (C Series)	2004- DT	Ring Free XHD Plus 15W/40 t	19	h	45-65	From Transm	-
C90 (C Series)	2004- DT	Ring Free XHD Plus 15W/40 t	19	h	45-65	From Transm	-
6750, 8350, (EcoPower)	DT	Ring Free XHD Plus 15W/40 dt	19	Liquimatic JDF	55-65	From Transm	-
6250Hi, 6350Hi, 6550Hi (Hi-Tech)	2000- DT	Super Farm Universal 10W/30 dt	13	Liquimatic JDF	55-65	From Transm	-
6650Hi, 6850Hi (Hi-Tech)	2000- DT	Super Farm Universal 10W/30 dt	13	Liquimatic JDF	55-65	From Transm	-
8050Hi, 8150Hi (Hi-Tech)	2000- DT	Super Farm Universal 10W/30 dt	19	Liquimatic JDF	55-65	From Transm	-
8350Hi (Hi-Tech)	2000- DT	Super Farm Universal 10W/30 dt	19	Liquimatic JDF	55-65	From Transm	-
8450Hi, 8550Hi (Hi-Tech)	2000- DT	Super Farm Universal 10W/30 dt	19	Liquimatic JDF	55-65	From Transm	-
8950Hi (Hi-Tech)	2000- DT	Super Farm Universal 10W/30 dt	19	Liquimatic JDF	55-65	From Transm	-
600L (L Series)	D	Super Farm Universal 10W/30 kt	7	Super Farm Universal 10W/30 m	27	Super Farm Universal 10W/30 np	35
700L (L Series)	D / DT	Super Farm Universal 10W/30 kt	7	Super Farm Universal 10W/30 m	27	Super Farm Universal 10W/30 np	35
800L (L Series)	D	Super Farm Universal 10W/30 kt	9	Super Farm Universal 10W/30 m	27	Super Farm Universal 10W/30 np	35
900L (L Series)	DT	Super Farm Universal 10W/30 kt	9	Super Farm Universal 10W/30 m	27	Super Farm Universal 10W/30 np	35

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Wheeled Tractors

VALTRA incl VALMET

Make/Model	Engine	Transmission	Hydraulics	
M120, M130, M150 (M Series)	DT Ring Free XHD Plus 15W/40 t	g h	g	From Transm -
XM130, XM150 (M Series Articulated)	DT Ring Free XHD Plus 15W/40 dt	- g h	- g	From Transm -
M600, M700 (M100 Series)	DT Super Farm Universal 10W/30 dt	7	Liquimatic JDF 27	Liquimatic JDF c 35
M800, M900 (M100 Series)	DT Super Farm Universal 10W/30 dt	9	Liquimatic JDF 27	Liquimatic JDF c 35
8000 (Mega)	1991- D Super Farm Universal 10W/30 t	21	Liquimatic JDF b 34	From Transm -
8050 (Mega)	1996- DT Super Farm Universal 10W/30 dt	19	Liquimatic JDF b 43-50	From Transm -
8100 (Mega)	1990- D Super Farm Universal 10W/30 t	21	Liquimatic JDF 34	From Transm -
8150 (Mega)	1996- DT Super Farm Universal 10W/30 dt	19	Liquimatic JDF 43-50	From Transm -
8200 (Mega)	1994- D Super Farm Universal 10W/30 t	21	Liquimatic JDF 34	From Transm -
8300 (Mega)	1990- D Super Farm Universal 10W/30 t	21	Liquimatic JDF 85	From Transm -
8300R (Mega)	1990- D Super Farm Universal 10W/30 t	21	Liquimatic JDF 75	From Transm -
8400 (Mega)	1993- DT Super Farm Universal 10W/30 t	16	Liquimatic JDF 34	From Transm -
8450 (Mega)	1996- DT Super Farm Universal 10W/30 dt	19	Liquimatic JDF 43-50	From Transm -
8550 (Mega)	1996- DT Super Farm Universal 10W/30 dt	19	Liquimatic JDF 43-50	From Transm -
8750 (Mega)	1996- DT Super Farm Universal 10W/30 t	21	Liquimatic JDF 75	From Transm -
8800 (Mega)	1994- DT Super Farm Universal 10W/30 t	21	Liquimatic JDF 75	From Transm -
6000 (Mezzo)	1994- D Super Farm Universal 10W/30 t	13	Liquimatic JDF b 23	From Transm -
6100 (Mezzo)	1991- DT Super Farm Universal 10W/30 t	10	Liquimatic JDF b 34	From Transm -
6200, 6300, 6400, 6600 (Mezzo)	1991- DT Super Farm Universal 10W/30 dt	13	Liquimatic JDF b 43-50	From Transm -
6800 (Mezzo)	1996- DT Super Farm Universal 10W/30 dt	13	Liquimatic JDF b 43-50	From Transm -
S230, S240, S260, S280 (S Series)	D / DT Ring Free XHD Plus 15W/40 dt	19/31.5	Super Farm Universal 10W/30 80	Liquimatic HV46 r 100/130
T120, T130 (T Series)	DT Ring Free XHD Plus 15W/40 t	19	h 45-65	From Transm -
T140 (T Series)	DT Ring Free XHD Plus 15W/40 t	19	h 45-65	From Transm -
T160, T170 (T Series)	DT Ring Free XHD Plus 15W/40 t	19	h 45-65	From Transm -
T180, T190 (T Series)	DT Ring Free XHD Plus 15W/40 t	19	h 45-65	From Transm -
X100, X110, X120 (X Series)	D / DT Ring Free XHD 15W/40 dt	13	q 45/65	From Gearbox -

- a. Each side
- b. Hi-Trol fluid coupling, where fitted: Liquimatic Super ATF or Ring Free XHD 10W. Capacity unquoted. Refer to handbook
- c. Alternative recommendations, Hydraulics: -30°C to 30°C, Liquimatic HV 32; -10°C to 40°C, Liquimatic HV 46
- d. Alternative recommendations, Engine: -20°C to 30°C, 10W-30; -10°C to 40°C, 15W-40
- e. Sole recommendation: Liquimatic Super ATF
- f. Sole recommendation: Lodexol PG 220
- g. Capacity unquoted:
- h. Sole recommendation: Liquimatic JDF
- i. Alternative recommendations, Engine: -20°C to 30°C, 10W-30; -10°C to 40°C, 15W-40
- j. Alternative recommendations, Transmission: -10°C to 40°C, 15W-40; -20°C to 30°C, 10W-30; -30°C to 30°C, 5W-30; -30°C to 10°C, 5W-20
- k. Alternative recommendations, Engine: <-20°C, 5W-40; -20°C to -30°C, 5W-30
- m. Alternative recommendations, Gears (oil): 15W-40; 10W-30; 5W-30; -30°C to -10°C, 5W-20
- n. Alternative recommendations, Hydraulics: 5W-20; 5W-30; 5W-40; 15W-40
- p. Alternative recommendations: Liquimatic HV
- q. Recommended grades, -30°C to +30°C. Refer to Main Dealer; -10°C to +40°C, Valtra Refer to Main Dealer
- r. Alternative recommendations, Hydraulics: -30°C to 30°C, Liquimatic HV 32; -10°C to 40°C, Liquimatic HV 46
- s. Without/with suspension axle
- t. Additional engine oil recommendations: Ring Free XHD 15W/40. Magnol STOU 15W/30 also suitable for naturally aspirated engines

General Notes

1. Use only CC oils in naturally aspirated engines for first 500 hours run-in
2. 2005, 2105 models: 'TRAC-TROL' and Servosystem: Ring Free XHD 10W or, after flushing: Super Farm Universal 10W/30
3. Super Farm Universal 10W/30 may be used in all applications (for hydraulics, 10W-30 grades only) except those models requiring a limited slip oil for front axles and hubs

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Wheeled Tractors

ZETOR

Make/Model	Engine	Transmission	Hydraulics	
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ZETOR

3320, 3340	1993-98	D	Super Farm Universal 10W/30 j	8	Super Farm Universal 10W/30	19/26 a	From Transm	-
3321, 3341	1998-	D	Super Farm Universal 10W/30 j	8	Super Farm Universal 10W/30	19/26 a	From Transm	-
4320, 4340	1993-98	D	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30	25/32 a	From Transm	-
4321, 4341	1998-	D	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30 k	62/64 e	From Transm	-
5213, 5243	1995-97	D	Super Farm Universal 10W/30 j	8	Super Farm Universal 10W/30	19/26 a	From Transm	-
5320, 5340	1993-98	D	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30	25/32 a	From Transm	-
5321, 5341	1998-	D	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30 k	62/64 e	From Transm	-
6320, 6340, -E	1993-98	D / DT	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30	25/32 a	From Transm	-
6321, 6341, -E	1998-	D / DT	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30 k	62/64 e	From Transm	-
7320, 7340	1994-98	DT	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30	25/32 a	From Transm	-
7321, 7341	1998-	DT	Super Farm Universal 10W/30 j	12	Super Farm Universal 10W/30 k	62/64 e	From Transm	-
7520, 7540, 8520, 8540, 9520, 9540, 10520, 10540	1991-99	D / DT	Super Farm Universal 10W/30 j	10	Super Farm Universal 10W/30 b	40	From Transm	-
8111, 8145, 8211, 8245	1985-98	D	Super Farm Universal 10W/30 j	10	Super Farm Universal 10W/30	45	From Transm	-
8621, 8641, 9621, 9641, 10641	1999-	D / DT	Super Farm Universal 10W/30 j	10	Super Farm Universal 10W/30 b	52	From Transm	-
9111, 9145, 9211, 9245	1987-98	DT	Super Farm Universal 10W/30 j	10	Super Farm Universal 10W/30	50	From Transm	-
11641	1999-	D	Ring Free XHD 15W/40 j	15	Liquimatic JDF	52	From Transm	f -
11211, 11245	1990-98	D	Super Farm Universal 10W/30 j	18	Super Farm Universal 10W/30	50	From Transm	-
8641, 9641, 10641, 11441	2004-	DT	Ring Free XHD 15W/40 j	-	Liquimatic JDF	-	From Transm	-
11741	2004-	DT	Ring Free XHD 15W/40 j	-	Liquimatic JDF	-	From Transm	-
12111, 12145, 12211, 12245	1980-	D	Super Farm Universal 10W/30 j	18	Super Farm Universal 10W/30	50	From Transm	-
14145, 14245	1987-	DT	Super Farm Universal 10W/30 j	18	Super Farm Universal 10W/30	50	From Transm	-
16145, 16245	1985-	DT	Super Farm Universal 10W/30 j	18	Super Farm Universal 10W/30	50	From Transm	-
Compact MT8.150-32	1994-97	D	Super Farm Universal 10W/30 j	4	Super Farm Universal 10W/30	10	Super Farm Universal 10W/30	12
Z8641, Z9641 (Forterra)	2005-	D / DT	Ring Free XHD 15W/40 j	10	Liquimatic JDF	52	From Transm	-
Z10641, Z11441 (Forterra)	2005-	D / DT	Ring Free XHD 15W/40 j	10	Liquimatic JDF	52	From Transm	-
Z11741 (Forterra)	2005-	D / DT	Ring Free XHD 15W/40 j	15	Liquimatic JDF	52	From Transm	-
Z6421, Z6441, Z7421, Z7441 (Proxima)	2005-	D / DT	Ring Free XHD 15W/40 j	10	Liquimatic JDF	64	From Transm	-
Z8421, Z8441 (Proxima)	2005-	D / DT	Ring Free XHD 15W/40 j	10	Liquimatic JDF	64	From Transm	-

- a. Depending on conditions when using power lift
- b. Also recommended: Liquimatic JDF
- c. Models 4340, 5340, 6340, 7340 from January 1995, differential: 5.0 ltr; front reduction hubs: 0.6 ltr, XEP 90
- d. Front axle differential and final drive housings alternative grade Liquimatic JDF
- e. 2WD/4WD
- f. Hydrostatic steering 2WD: 2.7 to 2.9 ltr, Liquimatic No.5; 4WD: 2.7 to 2.9 ltr, Liquimatic No.4
- g. Coolant, 11641 & 11741: Refer to Main Dealer
- h. Sole recommendation: Refer to Main Dealer
- i. Alternative recommendations: Liquimatic JDF
- j. Alternative recommendations, Engine: -7°C to 30°C, Super Farm Universal 10W-30; -7°C to 30°C, Ring Free XHD 15W-40; -7°C to 30°C, 20W-40
- k. Alternative recommendations: Liquimatic JDF

General Notes

1. Use only CC/TOU oils in engines during first 500 hours operation
2. Front hub reduction gears, 4WD models: K400EP except models 4340, 5340, 6340, 7340 from January 1995

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