

Lubricant recommendation

CLAAS



TECTROL

April 2020

	Product	Specification	TECTROL-Recommendation	
Engine oils				
1	AGRIMOT ULTRATEC FE 5W-30	ACEA E4/E7 API CI-4 MB 228.5, MAN M 3277, DAF Renault VI RXD, RLD-2 CAT ECF-1a, MACK EO-N, EO-M Plus Deutz DQC IV-10, Volvo VDS-3 (STD 417-0002), MTU DDC BR 2000/4000, MTU MTL 5044 Typ 3, (Exception: BR 8000, 4000 R64/R74/R84, 1800 und 956 TB 31/32/33)	TECTROL SUPER TRUCK 530 1057861 LOOSE 1058013 205L 1058015 20 L TECTROL SUPER TRUCK PLUS XL 530	
2	AGRIMOT ULTRATEC 10W-40 (prev. ENGINE PRO 10W-40)	ACEA E4/E7, A3/B4 API CI-4/SL MB 228.5, MB 229.1, MB 235.27 MAN M 3277, MAN 3277 CRT CAT ECF-1a, Renault V RXD Volvo VDS-2, Deutz DQC III-10, DAF MTU DDC BR 2000 / 4000, MTU MTL 5044 Typ 3 MACK EO-M Plus, Voith Retarder Typ A, Cummins CES 20076, 20077, 20078	TECTROL SUPER TRUCK 1040 1058011 LOOSE 1058205 205L 1058009 60L 1058010 20L	
3	AGRIMOT PROTEC 10W-40 (prev. PROTEC FE 10W-40)	ACEA E9 API CJ-4/SN MB 228.31, Volvo VDS-4 (STD 417-0001) Deutz DQC III-10 LA, MTU MTL 5044 Typ 2.1 CAT ECF-1a, ECF-2 und ECF-3, MAN M 3575 Renault VI RLD-3, Cummins CES 20081 MACK EO-O Premium Plus, Detroit Diesel DDC 93K218	TECTROL SUPER TRUCK VD PLUS 1040 1330111 LOOSE 1330110 205L 1330109 60L 1330108 20L	
4	Former Designation ENGINE SYNTH PLUS 10W-40	ACEA E7, A3/B4 API CI-4/SL MB 229.1, MB 228.3, MB 235.28 MAN M 3275-1, Renault VI RLD / RLD-2, Volvo VDS-3 (STD 417-0002) CAT ECF-1a und ECF-2, MTU DDC BR 2000 / 4000, MTU MTL 5044 Typ 2 (Exception BR 8000, 4000-04, 1800 and 956 TB 31/32/33) Deutz DQC III-10, MACK EO-M Plus, DAF Cummins CES 20071, 20072, 20076, 20077, 20078, Voith Retarder Typ B	TECTROL TURBO 4000 1358214 LOOSE 1057978 205L 1057979 60L 1057980 20L TECTROL SUPER MULTISYN PLUS	
5	AGRIMOT SDX 15W-40 (prev. ENGINE TOP 15W-40)	ACEA E7, A3/B4 API CI-4/SL MB 229.1, MB 228.3 MAN M 3275-1, Renault VI RLD / RLD-2, Volvo VDS-3 (STD 417-0002) CAT ECF-1a und ECF-2, ZF TE-ML 07C, MTU DDC BR 2000 / 4000, MTU MTL 5044 Typ 2 (Exception BR 8000, 4000-04, 1800 and 956 TB 31/32/33) John Deere JDQ 78A, MACK EO-N, EO-M Plus Cummins CES 20071, 20072, 20076, 20077	TECTROL SUPER TRUCK 1540 1057858 LOOSE 1058004 205L 1417922 60L 1058005 20L TECTROL SUPER MULTISYN PLUS	
6	AGRIMOT SDM 15W-40 (prev. ENGINE PLUS 15W-40)	ACEA A3/B4 API CG-4/SL MB 229.1, MB 228.3 MTU DDC BR 2000/4000, Allison C-4 MAN M 3275-1, Volvo VDS, Mack EO-L MTU MTL 5044 Typ 2 (Exception.: BR 8000, 4000-04, 1800, 956 TB 31/32/33)	TECTROL HD 1540 1057852 LOOSE 1058181 205L 1058202 60L 1057990 20L TECTROL HDC 1540 TECTROL SUPER MULTISYN PLUS	

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7	Former Designation DIESEL ENGINE PLUS 15W-40	ACEA E7 API CI-4 MB 228.3, CAT ECF-1a und ECF-2 MTU DDC BR 2000/4000, MTU MTL 5044 Typ 2 (Exception.: BR 8000, 4000-04, 1800, 956 TB 31/32/33) MAN M 3275-1, Volvo VDS-3 (STD 417- 0002), Deutz DQC III-10 Renault VI RLD/RLD-2, Volvo VDS-3, DAF MACK EO-N, EO-M Plus, Cummins CES 20071, 20072, 20076, 20077	TECTROL HDC 1540 1057988 1057987 1058177 1058178 1634322 1634405	LOOSE 205L 60L 20L 4x5 L 12x1 L
			TECTROL SUPER MULTISYN PLUS	
8	Former Designation ENGINE 15W-40	ACEA E2, A3/B4 API CG-4/SL MB 229.1, MB 228.1, MAN 271, MTU Typ 1, Volvo VDS	TECTROL HD 1540 1057852 1058181 1058202 1057990	LOOSE 205L 60L 20L
			TECTROL HDC 1540 TECTROL SUPER MULTISYN PLUS	
9	Former Designation ENGINE 20W-20	SAE 20W-20 ACEA E2 API CF/SF MB 228.0, MAN 270, ZF TE-ML 03B/04B CAT TO-2, Allison C-3 MTU MTL 5044 Typ 1, MTU DDC	TECTROL HDC 2020 1057854 1057993 1057994 1893738	LOOSE 205L 60L 20L
Gear oil/Axes				
10	AGRISHIFT MT 85W-90 (prev. Hypoid- Getriebeöl 85W-90)	API GL-5 MIL L-2105 C/D MB 235.0, MAN 342 Typ M1 Volvo 97310 ZF TE-ML 16C, 17B, 19B, 21A Voith 132.00374400, Ford SQM-2C-9002 AA, DAF	TECTROL MULTIGEAR HYP 90 1057878 1058218 1369142 1058055	LOOSE 205L 60L 20L
			TECTROL SUPER MULTISYN PLUS	
11	AGRISHIFT BLS 85W-90 (prev. Hypoid- Gear Oil LS 90 85W-90)	API GL-5 / LS (Limited Slip) MIL L-2105 B/C/D ZF TE-ML 05C, 12C, 16E, 21C Ford M2C 104 A Performance	TECTROL MULTIGEAR LS 90 1157087 1058059 1058060 1058061	LOOSE 205L 60L 20L
12	AGRISHIFT AX 85W- 140 (prev. Hypoid- Gear Oil 85W-140)	API GL-5 MIL L-2105 C/D DAF ZF TE-ML 16D/21 A	TECTROL MULTIGEAR 85140 1058056 1058057	205L 20L
13	Former Designation Multifunctional- Gear Oil 80W-90	API GL-4 und GL-5 (API MT-1) MIL PRF-2105 D/E MB 235.0, Renault, Scania STO 1:0, DAF, Iveco ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17B, 19B, 21A MAN 341 Typ Z2/E2 MAN 342 Typ M2	TECTROL MULTIGEAR PLUS 8090 1058046 1058044 1058216 1058045	LOOSE 205L 60L 20L
			TECTROL SUPER MULTISYN PLUS	

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14	Former Designation Multipurpose-Gear Oil 80W-90	API GL-4 MIL L-2105 Approvals / Recommendations for use MAN 341 Typ E1 MAN 341 Typ Z2 ZF TE-ML 02B, 16A, 17A, 19A	TECTROL UNIGEAR 80 1057877 LOOSE 1058049 205L 1058050 60L 1058051 20L TECTROL MULTIGEAR PLUS 8090 TECTROL SUPER MULTISYN PLUS
15	AGRISHIFT 4 SC 85W-90 (prev. Multipurpose-Gear Oil 90 85W-90)	API GL-4 MIL L-2105 Approvals / Recommendations for use MB 235.1 MAN 341 Typ E1 MAN 341 Typ Z2 ZF TE-ML 02B, 16A, 17A, 19A	TECTROL MULTIGEAR PLUS 8090 1058046 LOOSE 1058044 205L 1058216 60L 1058045 20L TECTROL UNIGEAR 80 TECTROL SUPER MULTISYN PLUS
16	Former Designation Multipurpose-Gear Oil 85W-140	API GL-4 MIL L-2105	TECTROL MULTIGEAR 85140 1058056 205L 1058057 20L
17	AGRISHIFT SYN FE 75W-90	API GL-5 MIL PRF-2105E Approvals / Recommendations for use MB 235.8 Scania STO 1:0 ZF TE-ML 05B, 12B, 16F, 17B Volvo 97312 MAN 342 Typ S1	TECTROL SYNTHOGEAR MM 7590 1057880 LOOSE 1058067 205L 1058068 60L
18	AGRISHIFT SYN FE 75W-140	API GL-5 Scania STO 1:0	No alternative
19	AGRISHIFT XE 10W-30 (prev. Gear Oil ZFC 10W-30)	Approvals / Recommendations for use CAT TO-4 Allison C-4 CLAAS ECCOM 3.5 (CSE) ZF TE-ML 03C, 06H, 06M	TECTROL SUPER MULTI BM 1030 1620482 IBC 1000 L 1620352 205L 1620326 20L
20	AGRISHIFT ATF III (prev. ATF Transfluid)	MB 236.1, MAN 339 Typ V1, MAN 339 Typ Z1 Voith H55.633540 (G 607) ZF TE-ML 02F, 03D, 04D, 14A,	TECTROL ATF 3000 1550661 205L 1550660 60L 1550659 20L
21	Former Designation Gear Oil TO 4 10W-30	API CF/CF-2 Approvals / Recommendations for use Allison C-4, CAT TO-4, DANA, Eaton, Komatsu Tremec / TTC, ZF TE-ML 03C ZF TE-ML 07F Vickers 35 VQ35	TECTROL UTTO-TO SAE 30 1057839 LOOSE 1057973 205L 1057975 20L TECTROL SUPER MULTI BM 1030
22	Agrishift Bio 45 80W-85	API GL-4 AFNOR HV 68 ISO 15380 HEES CLAAS Eccom 3.0 (CSE) GIMA CMS M 1143 und M 1145 ZF-TE-ML 06P	No alternative

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Hydraulic oil			
23	Former Designation Hydraulic oil HLP 32	HLP 32 (to DIN 51 502) ISO VG 32 DIN 51 524 Teil 2: HLP ISO 11158 und ISO 6743/4: HM	TECTROL HLP 32 1330168 LOOSE 1058079 205L 1058080 60L 1058081 20L 1634324 4x5 L TECTROL SUPER MULTISYN PLUS
24	AGRIHYD HLP 46 (prev. Hydraulic Oil HLP 46)	HLP 46 (to DIN 51 502) ISO VG 46 DIN 51 524 Teil 2: HLP ISO 11158 und ISO 6743/4: HM	TECTROL HLP 46 1057881 LOOSE 1058083 205L 1058222 60L 1058084 20L 1634323 4x5 L TECTROL SUPER MULTISYN PLUS
25	Former Designation Hydraulic Oil D-Plus/ HLPD 46	HLPD 46 (to DIN 51 502) ISO VG 46 DIN 51 524 Teil 2: HLP (detergent) ISO 11158 und ISO 6743/4: HM	TECTROL HLP/D 46 1057893 LOOSE 1058090 205L 1140608 20L TECTROL SUPER MULTISYN PLUS
26	AGRIHYD HVLP-D 46 (prev. Hydraulic Oil VD-Plus/HVLPD 46)	HVLPD 46 (to DIN 51 502) ISO VG 46 DIN 51 524 Teil 3: HVLP (detergent)	TECTROL HVLP/D 46 1554731 LOOSE 1554729 205L 1554730 60L 1554498 20L TECTROL SUPER MULTISYN PLUS
27	AGRIHYD BIO HEES 46 (prev. Hydraulic Oil BIO HEES 46)	HEES (to DIN 51 502) ISO VG 46 ÖCD 301 B (light biolo. biodegradability)	TECTROL TERRA HYD SUPER S 1383271 LOOSE 1383282 205L 1383270 20L
28	AGRIHYD XTREME 46	HVLPD 46 (to DIN 51 524) ISO VG 46 Synthetic biodegradable hydraulic fluid DIN 51 524 Teil 3: HVLP(D) HC (deterg.)	No alternative Please consult with Tectrol PM

	Product	Specification	TECTROL-Recommendation	
Universal oils				
29	AGRI Universal 400 10W-40 (STOU) (prev. STOU AGRAR 10W-40)	Service description / Specifications (Engine) API CF-4/CE/SF ACEA E2 Service description / Specifications (Gear unit) SAE 80W-90 API GL-4 Service description / Specifications (Hydraulics) STOU, HLP, HLPD, HVLP ISO VG 46 bis 100 Approvals / Recommendations for use: John Deere: JDM J 27 C, JDM J 20 C FORD: M2C 159 B/C und M2C 134 B/C/D CASE: MS 1206, MS 1207, MS 1209 Massey Ferguson: MF CMS M 1139, M 1143, M 1144, M 1145 Caterpillar: CAT TO-2 Allison: C-4 ZF: TE-ML 06B, 07B	TECTROL SUPER MULTISYN PLUS 1057833 LOOSE 1057943 205L 1057944 60L 1057945 20L TECTROL SUPER 2000 PLUS 1543514 LOOSE 1492522 205L 1492261 60L 1492260 20L	
30	AGRISHIFT GA 12 SAE 80W-85 (prev. POWER SHIFT 80W-85 (UTTO))	Service description / Specifications (Gear Unit) SAE 80W-85 SAE 10W-30 API GL-4 API GL-5 (in Agricultural machinery) Service description / Specifications (Hydraulics) UTTO, HLP ISO VG 46 bis 100 Approvals / Recommendations for use John Deere: JDM J 20 C FORD: M2C 86 B/C, 134-D CASE: MS 1206, MS 1207, MS 1210 CASE New Holland: CNHA MAT 3505, 3506, 3509, 3525, 3526 Caterpillar: CAT TO-2 Massey Ferguson: MF CMS M 1135, M 1141, M 1143, M 1145 New Holland: FNHA 2-C-200.00, 201.00 White Farm (AGCO): Q-1826 Komatsu (Wet Brake Axle) Volvo: WB 101 ZF: TE-ML	TECTROL SUPER MULTISYN PLUS 1057833 LOOSE 1057943 205L 1057944 60L 1057945 20L	
31	Former Designation Gear Unit-Fluid 80W-85 (UTTO)	Service description / Specifications (Gear Unit) SAE 80W-85 SAE 10W-30 API GL-4 Service description / Specifications (Hydraulics) UTTO, HLP ISO VG 46 bis 100 Approvals / Recommendations for use John Deere: JDM J 20 C FORD: M2C 86 B/C CASE: MS 1206, MS 1207, MS 1209 Caterpillar: CAT TO-2 Massey Ferguson:	TECTROL UTTO-HF 1057836 LOOSE 1057966 205L 1058174 60L 1057967 20L TECTROL SUPER MULTISYN PLUS	
Grease				
32	AGRIGREASE EP 3	Operation temperature: -20°C until +160°C Application: KP 3 P-20 NLGI-Class: 3 (DIN 51 818) Application: ISO-L-XBEHB 3	TECTROL SPEZIAL-FETT LX 3 1920335 50 KG FUCHS RENOLIT DURAPLEX EP 3 1438305 18 KG 483263 180 KG	

	Product	Specifications	TECTROL-Recommendation
33	AGRIGREASE EP 2 (prev. Multi-purpose grease EP 2)	Operation temperature: -30°C bis +130°C Application: KP 2 K-30 NLGI-Claas: 2 (DIN 51 818) Application: ISO-L-XCCFB2	TECTROL MULTI-FETT EP 2 1652739 180 KG 1652738 50 KG 1652737 18 KG 1652736 3x5 KG 1653131 20x400 gr 1652735 30x500 gr
34	AGRIGREASE EP 00 (prev. Fluid grease EP 00)	Operation temperature: -40°C bis +100°C Application: KHCP 00H-50 NLGI-Claas: 00/000 (DIN 51 818) Application: ISO-L-XEBAB00 Approvals / Recommendations for use MAN 264.0, MAN 283 Li-P 00/000 Typ V1 Oxidation and water resistant	FUCHS RENOLIT LZR 000 380637 180 KG 193742 50 KG 1411779 18 KG 1655077 3x5 KG
Brake fluids			
35	ELFMATIC G3 (DEXRON III)	ATF-Fluid / Brake fluids for NECTIS ALLISON C-4, FORD MERCON, GM DEXRON III, MB 236.5-236.9, MAN 339 Typ Z-1 und Typ V-1 (except MAN 339 Typ F) ZF TE-ML 03D, 04D, 09, 14A, 17 C	TECTROL ATF 4000 1550804 205L 1550803 60L 1550802 20L
36	Elf LHM	Brake fluids ARES, ARION, AXION, ATLES	FUCHS TITAN LHM PLUS 1913659 20x1 L
37	Brake fluids SL DOT 4	Synth Brake fluids for Brake and clutch systems DOT 4	FUCHS MAINTAIN DOT 4 1064320 205 L 1053949 4x5 L 1633990 20x1 L 1716349 48x0,250 L
38	Brake fluids DOT 5.1	Synth Brake fluids for Heavily stressed brake systems DOT 5.1	FUCHS MAINTAIN DOT 5.1 1853774 20x1 L
Others			
39	Saw chain adhesive oil Forest HD	Mineral saw chain adhesive oil	TECTROL SÄGERKETTENÖL 1058124 205L 1874408 60L 1874407 20L 1874406 4x5 L 1877482 12x1 L
40	Anti-corrosion oil	Spray and corrosion protection oil for preservation	TECTROL TERRA SPRÜHÖL S 1383378 60L 1383372 20L 1634421 4x5 L
41	Bonded coating spray	Air-drying molybdenum disulphide bonded coating spray	FUCHS LUBRITECH GLEITMO 900 SPRAY 1675506 12x400 ml
42	Special chain oil spray	Chain fluid with excellent adhesive properties	TECTROL KETTENSPRAY 1654196 12x400 ml

	Product	Specifications	TECTROL-Recommendation
Radiator antifreeze			
43	AGRICOOOL OAT 0 (prev. AGRICOOOL) Ready Mix	Caterpillar Deutz Ford WSS-M 97 B 44-D GM 6277 M John Deere JDMH 5 MAN 324 Typ SNF MB 325.3 MB 326.3 Perkins VW TL 774 E Description:	TECTROL COOLPROTECT MIX 3000 Ready-Mix, Attention: Operating temperature: - 24°C 1494945 1.000L IBC 1494944 205L 1494943 20L Attention: Must be at operation temperature -38°C concentrated TECTROL COOLPROTECT OAT Concentrate, Recommended mixing ratio 50:50 1670189 205L 1670188 60L 1670187 20L
44	AGRICOOOL SI-OAT (prev. AGRICOOOL II) (Concentrate)	MB325.5 MAN 324 TYP Si-OAT OM 470 LA, 471 LA & 473 ÖA JAGUAR 496/497 (6R1100/1300/1500) XERION 783 (6R1100/1300) Lexion C64/C65/C66 (6R1100 later also 6R1500)	TECTROL COOLPROTECT SI-OAT 1475551 205L 1475550 60L 1475549 20L 1634479 12x1 L
45	AGRICOOOL SI-OAT 50 Alternative „Readymix“ to AGRICOOOL II (Concentrate)	AS 2108-2004 ASTM D 3306/D 4985 BS 6580:2010 CHINA GB 29743-2013 CUNA NC 956-16 JIS K 2234:2006 ÖNORM V 5123 SAE J1034 Application recommendation: Cummins CES 14603 Deutz DQC CC-14 Liebherr LH-01-COL3A MAN 324 Typ SI-OAT MB 325.5 MTU / MTL 5048 VW TL 774-G	ALTERNATIVE READY-MIX TO TECTROL COOLPROTECT SI-OAT TECTROL COOLPROTECT-MIX 4050 Ready mix until -38°C Operation temperature 1773791 205L
46	AGRICOOOL SI 100 Ready Mix	AS 2108-2004 ASTM D 3306/D 4985 BS 6580:2010 CUNA NC 956-16 JIS K 2234:2006 ÖNORM V 5123 SAE J1034 usw. Application recommendation: MB 325.0 MAN 324 Typ NF Etc.	TECTROL COOLPROTECT MIX 4850 Ready mix until -38°C Operation temperature 1752167 1000L IBC 1716817 205L 1716816 20L

Mixing AGRICOOOL OAT 0(formerly AGRICOOOL) and SI-OAT 50(formerly AGRICOOOL II) is not authorised!

AGRICOOOL SI-OAT 50 is not approved for CAT and PERKINS engines.

Marked in yellow: Oil recommendation for product optimisation in agricultural vehicles