



Tractor transmissions and hydraulic lifts

List of lubricants TE-ML 06

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1. Approved lubricant classes

1.1 Powershift transmission and synchromesh transmission

Product groups	Lubricant classes for service fills ^{(1) (2)}
T-318, T-325, T-330, T-335, T-336, T-338 T-3100, T-3200, T-3300, T-3400 - without front-wheel drive	06A / 06B / 06C / 06G
T-3245, T-3340, T-3345, T-3445, T-3450, T-3550 - with front-wheel drive	06A Only after consulting tractor manufacturer: 06B / 06C / 06G
T317, T337 T3048, T3065, T3070 T517, T537 T5065, T5070, T5080	06B / 06K Recommended alternatives: for transmissions of old design without forced oil lubrication and/or dry brakes: 06L
T557, T557 LS T5180 LS, T5180 SS	06B / 06K
T-557 PS	06B
TPT11	06B / 06R / 06S
T-620, T-640, T660	06Q
T-6635, T-6636	06A
T-7100, T-7200 - with attached rear axle T-7300 - with attached rear axle (ZF) Terrapower TPT16, Terrapower TPT18, Terrapower TPT20	06B ⁽³⁾ / 06G / 06R
T-7100, T-7200, T-7300 - without attached rear axle	06B ⁽³⁾ / 06C / 06G / 06R
T-7300 - with attached rear axle (AGCO)	06B / 06C / 06G

The list of lubricants TE-ML 06, **edition 28.01.2018** replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under www.zf.com/lubricants.

ZF Friedrichshafen AG
D-88038 Friedrichshafen
www.zf.com/contact

1.2 Continuously variable transmission

Product groups	Lubricant classes for service fills ^{(1) (2)}
Eccom 1.3 - Same Deutz Fahr Group - Tong Yang Moolsan Co. Ltd. (TYM)	06N
Eccom 1.5 - Agtron TTV Same Deutz Fahr Group	06D
Eccom 1.5, Eccom 1.8, Eccom 2.0, Eccom 2.4, Eccom 2.9 - John Deere	06E
Eccom 3.0, Terramatic TMG 25, Terramatic TMG 28 - CLAAS	06P
Eccom 3.5, Eccom 4.5, Eccom 5.0 - CLAAS	06H
Eccom 5.0 - ATM	06D
Eccom 6.0 - CNH	06T
S-Matic - with attached rear axle and with front-wheel drive	06F
S-Matic - without attached rear axle and without front-wheel drive	06F / 06M
Terramatic TMT 09, Terramatic TMT 11 - Lindner	Shell Spirax S4 TX
Terramatic TMT 16, Terramatic TMT 18, Terramatic TMT 32	06N

2. Low temperatures limits

Viscosity grades	Operation at outside temperatures
- SAE 10W-30, 10W-40, 75W-80 (TE-ML 06G), 75W-85	-20°C to +40°C
- SAE 15W-30, 15W-40, 80W, 80W-85	-10°C to +40°C
- SAE 20W-40	0°C to +40°C

3. Explanation of footnotes and comments

Footnotes:

- (1) Refer to the following pages for approved commercial products and low temperature limits.
- (2) The half-shafts (planetary final drives) of the attached rear axles must be filled with gear oils in accordance with TE-ML 21.
- (3) The products marked with (*) in the lubricant class 06B must not be used as of model year 09/2011.

Comments:

A lithium saponified multipurpose grease of NLGI class 2 which is mixable with mineral oil is to be used at greasing points (grease code KP2K-30 in acc. with DIN 51825 or ISO-L-XCCHB2 in accordance with ISO 6743-9).

Additives of any kind added **later** to the oil change the oil in a manner that is unpredictable, and they are therefore not permitted. No liability of any kind will be accepted by ZF for any damage resulting from the use of such additives.

4. Lubricant classes and approved trade products

Lubricant class 06A

Engine oils (API CD/CE/CF-4/CF/CG-4/CH-4/CI-4/SF/SG/SH/SJ/SL or ACEA categories A/B/E)

Viscosity grade: SAE 20W

Note:

All mineral oil-based trade products which satisfy the above specifications may be used. There will be no product listing.

Lubricant class 06B

Super tractor oils (STOU)

Viscosity grades: SAE 10W-30 / 10W-40 / 15W-30 / 15W-40 / 20W-40

(*) Please note footnote 3 on page 3.

Manufacturer (06B)	Trade name (06B)	ZF approval number
ADDINOL LUBE OIL GMBH, LEUNA/DE	ADDINOL SUPER TRAKTOR MU 1045	ZF002086
AVIA AG, MÜNCHEN/DE	TRACTAVIA SPEZIAL FE 10W-40	ZF001810
AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE	PENNASOL STOU 10W-40 (*)	ZF001697
AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE	PENNASOL STOU 15W-30 (*)	ZF001698
AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE	AVISTA STOU SAE 10W-30 (*)	ZF002048
AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE	AVISTA STOU SAE 10W-40 (*)	ZF002049
AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE	AVISTA STOU SAE 15W-30 (*)	ZF002050
BAYWA AG MÜNCHEN, MÜNCHEN/DE	TECTROL SUPER 2000 CD-HC (*)	ZF001205
BP PLC., LONDON/GB	BP VANELLUS AGRI UNIVERSAL 15W-40 (*)	ZF001273
BP PLC., LONDON/GB	BP VANELLUS AGRI SUPER UNIVERSAL 10W-40 (*)	ZF001327
BP PLC., LONDON/GB	BP SUPER TOU 15W-40 (*)	ZF001592
BP PLC., LONDON/GB	BP VANELLUS AGRI UNIVERSAL 15W-40 (*)	ZF002228
BUCHER AG LANGENTHAL, LANGENTHAL/CH	MOTOREX FARMER TRAC SAE 10W30 (*)	ZF001617
BUCHER AG LANGENTHAL, LANGENTHAL/CH	FARMER TRAC SAE 10W/40 (*)	ZF001743
CASTROL LTD, LONDON/GB	CASTROL AGRI MP 15W-30 (*)	ZF001011
CASTROL LTD, LONDON/GB	CASTROL AGRI MP 15W-40 (*)	ZF001240
CASTROL LTD, LONDON/GB	CASTROL AGRI MP PLUS 10W-40 (*)	ZF001325
CASTROL LTD, LONDON/GB	CASTROL AGRI MP PLUS 10W-30 (*)	ZF001372
CASTROL LTD, LONDON/GB	CASTROL AGRI MP 15W-40 (*)	ZF001374
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRI MP 15W-40 (*)	ZF002166
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRI MP 15W-40 (*)	ZF002170
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRI MP 15W-40 (*)	ZF002171
CASTROL LTD, LONDON/GB	CASTROL AGRI MP 15W-40 (*)	ZF002227
CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES	CEPSA AGRO PLUS 15W-40 (*)	ZF000321
CHEVRON LUBRICANTS, SAN RAMON, CA/US	SUPER TRACTOR SAE 15W-40 (*)	ZF000789
CLASS KGAA MBH, HARSEWINKEL/DE	CLAAS AGRI UNIVERSAL 300 15W-40 (*)	ZF001258
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL AGRI SUPER 15W-40	ZF000508
FUCHS PETROLUB SE, MANNHEIM/DE	FUCHS AGRIFARM STOU MC SAE 10W-40 (*)	ZF000729
FUCHS PETROLUB SE, MANNHEIM/DE	FUCHS AGRIFARM STOU MC SAE 10W-30 (*)	ZF000733
FUCHS PETROLUB SE, MANNHEIM/DE	FUCHS AGRIFARM UTTO VT	ZF002035
GAZPROMNEFT-LUBRICANTS, MOSCOW/RU	G-SPECIAL STOU 10W-40	ZF001963
GRUPA LOTOS S.A., GDANSK/PL	AGROL STOU PLUS CG-4 10W/40 (*)	ZF000607
GRUPA LOTOS S.A., GDANSK/PL	AGROLIS STOU PLUS SAE 10W-40 (*)	ZF001038
IGOL FRANCE, AMIENS/FR	PRO MULTI SUPER 10W-40	ZF002283
INA MAZIVA LTD., ZAGREB/HR	INA AGRINA 15W-30 (*)	ZF001172
KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL	Q8 T 1000 D SAE 10W-30	ZF000107
KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL	Q8 T 1000 SAE 15W-30 (*)	ZF000110
KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL	Q8 T 5000 SAE 10W-40 (*)	ZF002097
MOTUL SA, AUBERVILLIERS/FR	MOTUL DS SUPER AGRI 10W-30	ZF001103
NOVA STILMOIL SPA, MODENA/IT	MF LUBE+ AGRILUBE UNIVERSAL 10W30	ZF000919
OOO "LLK-INTERNATIONAL", MOSCOW/RU	LUKOIL VERSO MOTOR 10W-40	ZF001753
PAKELO MOTOR OIL, SAN BONIFACIO (VR)/IT	STOU FLUID SAE 15W/40 (*)	ZF002007
PETROGAL S.A., LISBOA/PT	GALP UNIAGRO 15W40 (*)	ZF000766
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF000514
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	ARBOR UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF000604
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKROS UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF000605
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKCELA SUPER UNIVERSAL 15W-30 (SAE 15W-30) (*)	ZF000627
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKROS MULTI VT (SAE 10W-30)	ZF000628
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKCELA MULTI TRACTOR (SAE 10W-40) (*)	ZF000835
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	ARBOR UNIVERSAL 10W-40 (SAE 10W-40) (*)	ZF001138
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA VT SPECIAL (SAE 10W-40) (*)	ZF001139
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 10W-30 (SAE 10W-30) (*)	ZF001284
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKCELA SUPER UNIVERSAL 10W-30 (SAE 10W-30) (*)	ZF001375
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF001887
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	ARBOR UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF001888
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKROS UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF001889
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF001890
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	ARBOR UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF001891
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKROS UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF001892
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 10W-30 (SAE 10W-30) (*)	ZF001925
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 10W-30 (SAE 10W-30) (*)	ZF001926
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKROS UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF002089
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF002090
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	ARBOR UNIVERSAL 15W-40 (SAE 15W-40) (*)	ZF002091
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AMBRA UNIVERSAL 10W-30 (SAE 10W-30) (*)	ZF002116
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	AKCELA SUPER UNIVERSAL 15W-30 (SAE 15W-30) (*)	ZF002126
REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES	REPSOL CERES STOU 10W40	ZF000467
SAME DEAUTZ FAHR, TREVIGLIO/IT	SDF X-TREME	ZF002231
SAME DEAUTZ FAHR, TREVIGLIO/IT	DF X-TREME	ZF002232
SAME DEAUTZ FAHR, TREVIGLIO/IT	SDF TOP MULTIFUNCTION	ZF002233
SAME DEAUTZ FAHR, TREVIGLIO/IT	DF TOP MULTIFUNCTION	ZF002234
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB	SHELL SPIRAX S4 TX	ZF000015
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB	SHELL SPIRAX S3 T (SAE 15W-40)	ZF001300
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE	SRS PRIMANOL 10W-30 (*)	ZF001695
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE	SRS PRIMANOL 10W-40 (*)	ZF001696
TAMOIL ITALIA SPA, MILANO/IT	TAMOIL SUPER TRACTOR SAE 15W-40 (*)	ZF000774
TOTAL LUBRIFIANTS S.A., NANTERRE/FR	TOTAL MULTAGRI MS 15W-40 (*)	ZF001154
TOTAL LUBRIFIANTS S.A., NANTERRE/FR	ELF TRACTORELF ST3 15W-40 (*)	ZF001252
ZELLER+GMELIN GMBH&CO.KG, EISLINGEN/DE	DIVINOL SYNTRAC TS 10W40 (*)	ZF001626

Lubricant class 06C

Super tractor oils (STOU)

Viscosity grades: SAE 10W-30 / 10W-40 / 15W-30 / 15W-40 / 20W-40

Manufacturer (06C)EXXONMOBIL CORPORATION, HOUSTON, TX/US
UNIL OPAL, SAUMUR/FR**Trade name (06C)**MOBIL AGRI EXTRA 10W-40
XANTHOS 10W40**ZF approval number**ZF000448
ZF000682

Lubricant class 06D

Viscosity grades: SAE 10W-30 / 10W-40

Manufacturer (06D)

ARAL AG, BOCHUM/DE
 AVIA AG, MÜNCHEN/DE
 AVIA AG, MÜNCHEN/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 JOHN DEERE, MOLINE, ILLINOIS/US
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 MOTUL SA, AUBERVILLIERS/FR
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SASOL OIL, RANDBURG/ZA
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 VALVOLINE EUROPE, DORDRECHT/NL

Trade name (06D)

ARAL TRAKTORAL 10W-40
 TRACTAVIA SPEZIAL FE 10W-40
 AVIA HYDROFLUID TD
 FUCHS AGRIFARM UTTO VT
 JOHN DEERE HY-GARD
 Q8 T 1000 D SAE 10W-30
 MOTUL DS SUPER AGRI 10W-30
 AKROS MULTI VT (SAE 10W-30)
 SDF UTTO
 DF UTTO
 SDF X-TREME
 DF X-TREME
 SASOL UNIVERSAL TRANSMISSION OIL RS 68
 SHELL SPIRAX S4 TX
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 TOTAL DYNATRANS MPX
 UNITRAC 80W

ZF approval number

ZF000152
 ZF001810
 ZF001811
 ZF002035
 ZF001223
 ZF000107
 ZF001103
 ZF000628
 ZF002229
 ZF002230
 ZF002231
 ZF002232
 ZF001828
 ZF000015
 ZF000357
 ZF000358
 ZF000359
 ZF003325
 ZF002222
 ZF002041

Lubricant class 06E

Universal tractor transmission oil (UTTO)

Manufacturer (06E)

JOHN DEERE, MOLINE, ILLINOIS/US

Trade name (06E)

JOHN DEERE HY-GARD

ZF approval number

ZF001223

Lubricant class 06F

Super tractor oil (STOU) and Universal tractor transmission oil (UTTO)

Viscosity grades: SAE 10W-30 / 10W-40 / 15W-30 / 15W-40

Manufacturer (06F)

AVIA AG, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 CASTROL LTD, LONDON/GB
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR

Trade name (06F)

TRACTAVIA SPEZIAL FE 10W-40
 TECTROL SUPER 2000 CD-HC (*)
 CASTROL AGRITRANS PLUS CVT 80W
 FUCHS AGRIFARM STOU MC SAE 10W-40 (*)
 FUCHS AGRIFARM STOU MC SAE 10W-30 (*)
 LUKOIL VERSO MOTOR 10W-40
 AKCELA MULTI TRACTOR (SAE 10W-40) (*)
 ARBOR UNIVERSAL 10W-40 (SAE 10W-40) (*)
 AMBRA VT SPECIAL (SAE 10W-40) (*)
 SDF X-TREME
 DF X-TREME
 SHELL SPIRAX S4 TX
 TOTAL DYNATRANS CVT 10W-30
 ELF TRACTELF CVT 10W-30

ZF approval number

ZF001810
 ZF001205
 ZF000302
 ZF000729
 ZF000733
 ZF001753
 ZF000835
 ZF001138
 ZF001139
 ZF002231
 ZF002232
 ZF000015
 ZF001540
 ZF001580

Lubricant class 06G

Biodegradable lubricants

Environmental label RAL-UZ 79 (Blauer Engel), VAMIL-regeling

Viscosity grade: SAE 75W-80

Instructions on the use of biodegradable lubricants:

The oil manufacturer's change-over directives included in the product description are to be observed when change-over to biodegradable lubricants is effected. Due to the complexity of the wet disk brake system as well as possible influence of non-specified oil, isolated brake noise cannot be excluded.

Manufacturer (06G)

PANOLIN AG, MADETSWIL/CH

Trade name (06G)

PANOLIN BIOFLUID ZFH 10W/30

ZF approval number

ZF000391

Lubricant class 06H

Tractor oil

Viscosity grades: SAE 10W-30 / 10W-40

Manufacturer (06H)

CLASS KGAA MBH, HARSEWINKEL/DE
FINKE MINERALÖLWERK GMBH, 27374 VISSelhÖVEDE/DE
PHI OIL GMBH, ST. GEORGEN/AT
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE

Trade name (06H)

CLAAS AGRISHIFT XE
AVIATICON CTO PREMIUM 10W-30
KOMCAT SILVER
SRS GETRIEBEFLUID ZFC

ZF approval number

ZF001285
ZF002300
ZF001077
ZF000584

Lubricant class 06K**Universal tractor transmission oil (UTTO)****Manufacturer (06K)**

ADDINOL LUBE OIL GMBH, LEUNA/DE
 ADDINOL LUBE OIL GMBH, LEUNA/DE
 AVIA AG, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 HYUNDAI OILBANK CO., LTD., SEOUL/KR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 OPET FUCHS MADENI YAG. SAN. VE TIC. A.S., IZMIR/TR
 PANOLIN AG, MADETSWIL/CH
 PETROL OFISI A.S., ISTANBUL/TR
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SASOL OIL, RANDBURG/ZA
 SAVITA OIL TECHNOLOGIES LIMITED, MUMBAI/IN
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 VALVOLINE EUROPE, DORDRECHT/NL
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

Trade name (06K)

ADDINOL UTTO SAE 10W-30
 ADDINOL UTTO EXTRA (SAE 20W-40)
 AVIA HYDROFLUID TD
 TECTROL UTTO-ZF
 TECTROL UTTO-HF
 FARMER POLY 304
 TEXTRAN TDH PREMIUM
 MOBILFLUID 426
 FUCHS TITAN UTTO ZF (SAE 20W-40)
 FUCHS TITAN AGRIFARM UTTO MP
 FUCHS TITAN AGRIFARM UTTO MP
 GULF MPTF 10W-30
 GULF MPTF 10W-30
 XTEER THF 75W-80
 INA TRANSHIDROL JD 50
 INA TRANSHIDROL ZF 20W-40
 INA TRANSHIDROL JD 50
 JCB HP GEAR OIL PLUS
 JCB HP GEAR OIL PLUS
 OPET FULLGEAR FD 80W-140
 PANOLIN JD 303
 MAXITRAK TMS OIL 500
 AMBRA TRX 20W-40 (SAE 20W-40)
 AKCELA TRANSAXLE FLUID 20W-40 (SAE 20W-40)
 AKCELA TRANSAXLE FLUID 20W-40
 AMBRA TRX 20W-40 (SAE 20W-40)
 AKCELA TRANSAXLE FLUID 20W-40 (SAE 20W-40)
 SDF UTTO
 DF UTTO
 SASOL UNIVERSAL TRANSMISSION OIL RS 68
 SAVSOL 315 HAT
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SINOPEC GREATWALL UTTO
 SINOPEC GREATWALL HD DRIVE AXLE OIL
 TOTAL DYNATRANS LS 20W-40
 TOTAL DYNATRANS MPX
 UNITRAC 80W
 ZF-POWERFLUID PLUS
 ZF-POWERFLUID C-PLUS

ZF approval number

ZF000509
 ZF001845
 ZF001811
 ZF001161
 ZF002193
 ZF000590
 ZF000820
 ZF000061
 ZF000661
 ZF002183
 ZF002184
 ZF000921
 ZF000922
 ZF002219
 ZF000400
 ZF000433
 ZF000613
 ZF001636
 ZF002096
 ZF001866
 ZF000414
 ZF001351
 ZF000658
 ZF000943
 ZF001184
 ZF002151
 ZF002152
 ZF002229
 ZF002230
 ZF001828
 ZF001131
 ZF000357
 ZF000358
 ZF000359
 ZF003325
 ZF000105
 ZF002162
 ZF001346
 ZF002222
 ZF002041
 ZF001021
 ZF002087

Lubricant class 06L

Gear oil API GL-4 and MIL-2105

Viscosity grades: SAE 75W-80 / 75W-85 / 80W / 80W-85

Note:

All mineral oil-based trade products which satisfy the above specifications may be used. There will be no product listing.

Lubricant class 06M

Tractor oil

Viscosity grades: SAE 10W-30 / 10W-40 / 15W-30 / 15W-40

Manufacturer (06M)

AVIA AG, MÜNCHEN/DE
 CLASS KGAA MBH, HARSEWINKEL/DE
 FINKE MINERALÖLWERK GMBH, 27374 VISSLHÖVEDE/DE
 PHI OIL GMBH, ST. GEORGEN/AT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SASOL OIL, RANDBURG/ZA
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE

Trade name (06M)

AVIA HYDROFLUID TD
 CLAAS AGRISHIFT XE
 AVIATICON CTO PREMIUM 10W-30
 KOMCAT SILVER
 SDF UTTO
 DF UTTO
 SASOL UNIVERSAL TRANSMISSION OIL RS 68
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SRS GETRIEBFLUID ZFC

ZF approval number

ZF001811
 ZF001285
 ZF002300
 ZF001077
 ZF002229
 ZF002230
 ZF001828
 ZF000357
 ZF000358
 ZF000359
 ZF003325
 ZF000584

Lubricant class 06N

Viscosity grades: SAE 10W-30 / 10W-40

Manufacturer (06N)

AVIA AG, MÜNCHEN/DE
 AVIA AG, MÜNCHEN/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 MOTUL SA, AUBERVILLIERS/FR
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SASOL OIL, RANDBURG/ZA
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 VALVOLINE EUROPE, DORDRECHT/NL

Trade name (06N)

TRACTAVIA SPEZIAL FE 10W-40
 AVIA HYDROFLUID TD
 FUCHS AGRIFARM UTTO VT
 Q8 T 1000 D SAE 10W-30
 MOTUL DS SUPER AGRI 10W-30
 AKROS MULTI VT (SAE 10W-30)
 SDF UTTO
 DF UTTO
 SDF X-TREME
 DF X-TREME
 SASOL UNIVERSAL TRANSMISSION OIL RS 68
 SHELL SPIRAX S4 TX
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 TOTAL DYNATRANS MPX
 UNITRAC 80W

ZF approval number

ZF001810
 ZF001811
 ZF002035
 ZF000107
 ZF001103
 ZF000628
 ZF002229
 ZF002230
 ZF002231
 ZF002232
 ZF001828
 ZF000015
 ZF000357
 ZF000358
 ZF000359
 ZF003325
 ZF002222
 ZF002041

Lubricant class 06P

Tractor oil

Viscosity grades: SAE 10W-30 / 10W-40 / 80W-85

Manufacturer (06P)

CLASS KGAA MBH, HARSEWINKEL/DE
CLASS KGAA MBH, HARSEWINKEL/DE
TOTAL LUBRIFIANTS S.A., NANTERRE/FR
TOTAL LUBRIFIANTS S.A., NANTERRE/FR
TOTAL LUBRIFIANTS S.A., NANTERRE/FR
TOTAL LUBRIFIANTS S.A., NANTERRE/FR

Trade name (06P)

CLAAS AGRISHIFT BIO 45
CLAAS AGRISHIFT GA 12
TOTAL DYNATRANS MPV
TOTAL BIOTRANS FX
ELF TRACTELF BF 16
TOTAL DYNATRANS MPWB

ZF approval number

ZF001286
ZF001289
ZF000540
ZF000541
ZF001317
ZF001539

Lubricant class 06Q

Viscosity grade: SAE 15W-40

Manufacturer (06Q)

SAME DEAUTZ FAHR, TREVIGLIO/IT
SAME DEAUTZ FAHR, TREVIGLIO/IT
SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB

Trade name (06Q)

SDF TOP MULTIFUNCTION
DF TOP MULTIFUNCTION
SHELL SPIRAX S3 T (SAE 15W-40)

ZF approval number

ZF002233
ZF002234
ZF001300

Lubricant class 06R

Tractor oil

Viscosity grades: SAE 10W-30 / 10W-40 / 15W-30 / 15W-40 / 20W-40

Manufacturer (06R)

AVIA AG, MÜNCHEN/DE
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SAME DEAUTZ FAHR, TREVIGLIO/IT
 SASOL OIL, RANDBURG/ZA
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 VALVOLINE EUROPE, DORDRECHT/NL

Trade name (06R)

AVIA HYDROFLUID TD
 SDF UTTO
 DF UTTO
 SASOL UNIVERSAL TRANSMISSION OIL RS 68
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 HYDRAULIC-TRANSMISSION MULTIFUNCTIONAL FLUID (ZF)
 TOTAL DYNATRANS MPX
 UNITRAC 80W

ZF approval number

ZF001811
 ZF002229
 ZF002230
 ZF001828
 ZF000357
 ZF000358
 ZF000359
 ZF003325
 ZF001106
 ZF002222
 ZF002041

Lubricant class 06S

Tractor oil

Viscosity grades: SAE 10W-30 / 10W-40 / 15W-30 / 15W-40 / 20W-40

Manufacturer (06S)

PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY

Trade name (06S)

AKCELA HY-TRAN ULTRACTION
AMBRA MASTERTRAN ULTRACTION

ZF approval number

ZF001608
ZF001616

Lubricant class 06T

Manufacturer (06T)

PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY

Trade name (06T)

AKCELA HY-TRAN ULTRACTION
AMBRA MASTERTRAN ULTRACTION

ZF approval number

ZF001608
ZF001616