



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

The list of lubricants TE-ML 06, **edition 01.04.2018** 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](http://www.zf.com/lubricants).

**ZF Friedrichshafen AG**  
D-88038 Friedrichshafen  
[www.zf.com/contact](http://www.zf.com/contact)

**1.2 Continuously variable transmission**

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

## 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 AGRY UNIVERSAL 15W-40 (*)	ZF001273
BP PLC., LONDON/GB	BP VANELLUS AGRY SUPER UNIVERSAL 10W-40 (*)	ZF001327
BP PLC., LONDON/GB	BP SUPER TOU 15W-40 (*)	ZF001592
BP PLC., LONDON/GB	BP VANELLUS AGRY 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 AGRY MP 15W-30 (*)	ZF001011
CASTROL LTD, LONDON/GB	CASTROL AGRY MP 15W-40 (*)	ZF001240
CASTROL LTD, LONDON/GB	CASTROL AGRY MP PLUS 10W-40 (*)	ZF001325
CASTROL LTD, LONDON/GB	CASTROL AGRY MP PLUS 10W-30 (*)	ZF001372
CASTROL LTD, LONDON/GB	CASTROL AGRY MP 15W-40 (*)	ZF001374
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRY MP 15W-40 (*)	ZF002166
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRY MP 15W-40 (*)	ZF002170
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRY MP 15W-40 (*)	ZF002171
CASTROL LTD, LONDON/GB	CASTROL AGRY MP 15W-40 (*)	ZF002227
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRY MP 15W-30 (*)	ZF003357
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX AGRY MP PLUS 10W-30 (*)	ZF003416
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 AGRY UNIVERSAL 300 15W-40 (*)	ZF001258
EXXONMOBIL CORPORATION, HOUSTON, TX/US	MOBIL AGRY 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 AGRY 10W-30	ZF001103
NOVA STILLMOIL 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 PRAMANOL 10W-30 (*)	ZF001695
SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE	SRS PRAMANOL 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  
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU  
 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, RANDSBURG/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  
 G-SPECIAL UTTO PREMIUM 10W-30  
 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  
 ZF003446  
 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 VISSELHÖVEDE/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