



Commercial Vehicle Technology

**Manual and automated ZF transmissions  
for trucks, buses, light commercial vehicles and special  
vehicles with "TE-ML 02" label on the type plate**

**List of lubricants TE-ML 02**

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The list of lubricants TE-ML 02, **edition 01.07.2026** replaces all previous editions. The current list can be requested from any ZF after-sales service center or accessed on the Internet under [www.aftermarket.zf.com/lubricants](http://www.aftermarket.zf.com/lubricants).

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## 1. Approved lubricant classes

### 1.1 Trucks and special applications

Product groups trucks <b>Note:</b> Instead of the "0" as the last figure, there may also be a: 2;3;4;5. (Example: 12AS1935, 16S2223)	Lubricant classes	
	First fill <sup>(5)</sup>	Service fill <sup>(6)</sup>
<b>Ecolite</b> S5-42, S6-36, S6-36/2, S5-420	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
5S580	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
6S500 <sup>(2)</sup>	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E
<b>Ecolite / AS Tronic lite</b> 6S850, 6AS850	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>Ecolite</b> 6S1200	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>Ecolite / Eco Tronic lite / AS Tronic lite</b> 6S700, 6AS700, 6S800, 6AS800, 6S1000, 6AS1000, 6S1100, 6AS1110	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>AS Tronic lite</b> Hydraulic actuators	02K	02K
<b>Ecomid without Intarder</b> 9S75, 8S109, 9S109, 16S109	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecomid with Intarder</b> 8S109IT, 9S109IT, 16S109IT	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Ecomid without Intarder</b> 8S1110, 9S910, 9S1110, 9S1310, 9S1510	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecotronic mid</b> 9AS910, 9AS1110, 9AS1310, 9AS1510	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecomid with Intarder</b> 8S1111, 9S1111, 9S1311	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>AS Tronic mid</b> 12AS1010, 12AS1210, 12AS1220, 12AS1420, 12AS1620	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecosplit without Intarder</b> 8S151, 16S151, 8S181, 16S181, 16S221, 16S251 8S1620, 16S1620, 8S1820, 16S1820, 8S1920, 16S1920, 16S2020, 8S2220, 16S2220, 16S2520, 16S2720 16S1580, 16S1680, 16S2180, 16S2280	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecosplit with Intarder</b> 8S151IT, 16S151IT, 8S181IT, 16S181IT, 16S221IT, 16S251IT 8S1621, 16S1621, 8S1821, 16S1821, 8S1921, 16S1921, 16S2021, 8S2221, 16S2221, 16S2521, 16S2721 16S1581, 16S1681, 16S2181, 16S2281	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Ecosplit without Intarder</b> 16S2320, 16S2330	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
12S2130, 12S2330, 12S2830	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
8S1630, 16S1630, 8S1830, 16S1830, 8S1930, 16S1930, 16S2030, 8S2230, 16S2230, 16S2530, 16S2733	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecosplit with Intarder</b> 16S2321, 16S2331	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
12S2131, 12S2331, 12S2831	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
16S1631, 8S1831, 16S1831, 8S1931, 16S1931, 16S2031, 8S2231, 16S2231, 16S2531, 16S2731	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L

Product groups trucks (continuation) <b>Note:</b> Instead of the "0" as the last figure, there may also be a: 2;3;4;5. (Example: 12AS1935, 16S2223)	Lubricant classes	
	First fill <sup>(5)</sup>	Service fill <sup>(6)</sup>
<b>Classic Line</b> 8S1350, 16S1455TD, 16S1650, 16S1670, 16S1850, 16S1950, 9S1820, 16S1650HD S6-1550, S6-820, S5-680, S6-680, S5-820	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>AS Tronic without Intarder</b> 12AS1630, 12AS1930, 12AS2130, 12AS2140, 12AS2300, 12AS2301, 12AS2330, 12AS2340, 12AS2501, 12AS2530, 12AS2540, 12AS2740, 12AS2940, 12AS3001, 12AS3002, 12AS3140, 16AS2230, 16AS2600, 16AS2601, 16AS2630	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>AS Tronic with Intarder</b> 12AS1631, 12AS1931, 12AS2131, 12AS2141, 12AS2300IT, 12AS2301IT, 12AS2331, 12AS2341, 12AS2501IT, 12AS2531, 12AS2541, 12AS2741, 12AS2941, 12AS3001IT, 12AS3002IT, 12AS3141, 16AS2231, 16AS2600IT, 16AS2601IT, 16AS2631	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon without Intarder</b> 12TX1410, 12TX1610, 12TX1810, 12TX2010, 12TX2210, 12TX2410, 12TX 2610, 12TX2420, 12TX2620, 12TX2820, 12TX3020, 12TX3220, 12TX3420 16TX1640, 16TX1840, 16TX2040, 16TX2240, 16TX2440, 16TX2640, 16TX2840, 16TX3040, 16TX3240, 16TX3440	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon with Intarder</b> 12TX1411, 12TX1611, 12TX1811, 12TX2011, 12TX2211, 12TX2411, 12TX 2611, 12TX2421, 12TX2621, 12TX2821, 12TX3021, 12TX3221, 12TX3421 16TX1641, 16TX1841, 16TX2041, 16TX2241, 16TX2441, 16TX2641, 16TX2841, 16TX3041, 16TX3241, 16TX3441	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon 2 without Intarder</b> 12TX1450, 12TX1650, 12TX1850, 12TX2050, 12TX2250, 12TX2450, 12TX2650, 12TX2460, 12TX2660, 12TX2860, 12TX3060, 12TX3260, 12TX3460	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon 2 with Intarder</b> 12TX1451, 12TX1651, 12TX1851, 12TX2051, 12TX2251, 12TX2451, 12TX2651, 12TX2461, 12TX2661, 12TX2861, 12TX3061, 12TX3261, 12TX3461	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Transmatic</b> (Joint oil circuit of basic transmission and converter lock-up clutches) 16S151WSK, 16S221WSK, 16S251WSK	02H	02H
<b>TC Tronic</b> (Separate oil circuit of basic transmission and converter lock-up clutches) Basic transmission: 12AS2540, 12AS2740	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
Torque converter lock-up clutches: TC 2	02H / ATF in accordance with TE-ML 14 <sup>(7)</sup>	02H / ATF in accordance with TE-ML 14 <sup>(7)</sup>
<b>TC Tronic HD (Heavy Duty)</b> (Separate oil circuit of basic transmission and converter lock-up clutches) Basic transmission: 12AS3041	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L

<b>Product groups trucks (continuation)</b> <b>Note:</b> Instead of the "0" as the last figure, there may also be a: 2;3;4;5. (Example: 12AS1935, 16S2223)	<b>Lubricant classes</b>	
	<b>First fill <sup>(5)</sup></b>	<b>Service fill <sup>(6)</sup></b>
<b>TraXon Torque</b> (Separate oil circuit of basic transmission and converter lock-up clutches) Basic transmission: 12TX3421	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
Torque converter lock-up clutches: TCHD, TCHD TT	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E
<b>NMV</b> 1600L1, 2000L1, 2003L1, 1075K1 (engine-dependent PTO" with independent oil circuit)	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L

## 1.2 Buses

Product groups buses	Lubricant classes	
	First fill <sup>(5)</sup>	Service fill <sup>(6)</sup>
<b>Ecolite</b> S5-42, S6-36, S6-36/2, 5S580BO, 5S600BO	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>Ecolite</b> 6S890, 6S700BO	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>Ecolite without Intarder</b> S6-85, 6S1000BO, 6S1000BD, 6S1200BO, 6S1200BD, 6S1350BO, 6S1600BD, 6S1650BO, 6S1700BO, 6S1900BO	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>Ecolite with Intarder</b> 6S1351BO, 6S1601BD, 6S1651BO, 6S1901BO, 6S1701BO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Ecolite / AS Tronic lite</b> 6S710BO, 6AS710BO, 6S1010BO, 6AS1010BO, 6S1110BO, 6AS1110BO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B <sup>(1)</sup> / 02E / 02L
<b>AS Tronic lite</b> Hydraulic actuators	02K	02K
<b>Ecomid without Intarder</b> 8S180, 8S2100BO, 8S2100BD	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Ecomid with Intarder</b> 8S180IT, 8S2101BO, 8S2101BD	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Classic Line</b> S6-1550, S6-820, S5-680, S6-680, S5-820, 6S1380BD	<a href="#">ZF EcoFluid M</a> 02B / 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>AS Tronic without Intarder</b> 10AS2300BO, 10AS2310B, 10AS2700BO, 12AS2000BO, 12AS2300BO, 12AS2301, 12AS2700BO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>AS Tronic with Intarder</b> 10AS2010BIT, 10AS2301IT, 10AS2310BIT, 12AS1601BO, 12AS2000BIT, 12AS2001BO, 12AS2300BIT, 12AS2301IT, 12AS2301BO, 12AS2701BO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon without Intarder</b> 12TX2420BD	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon with Intarder</b> 12TX1611BO, 12TX2011BO, 12TX2411BO, 12TX2811BO, 12TX2421BO, 12TX2821BO, 12TX2421BD, 12TX2621BD	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>TraXon 2 with Intarder</b> 12TX1651BO, 12TX2051BO, 12TX2451BO, 12TX2851BO, 12TX1661BO, 12TX2061BO, 12TX2461BO, 12TX2661BO 12TX1451BD, 12TX1851BD, 12TX2251BD, 12TX2651BD, 12TX1461BD, 12TX1861BD, 12TX2261BD, 12TX2661BD, 12TX3061BD	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Ecoshift without Intarder</b> 6S1310BD, 6S1310BO, 6S1610BD, 6S1610BO, 6S1910BO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Ecoshift with Intarder</b> 6S1311BD, 6S1311BO, 6S1611BD, 6S1611BO, 6S1911BO, 6S2111BO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E / 02L

**1.3 Light commercial vehicles**

<b>Product groups Light commercial vehicles</b>	<b>Lubricants / Lubricant classes</b>	
	<b>First fill <sup>(5)</sup></b>	<b>Service fill <sup>(6)</sup></b>
5S200VO, 5S270VO, 6S300VD, 6S320VD, 6S350VD, 6S380VO, 6S420VO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
eTronic 6AS300VD, 6AS320VD, 6AS380VO, 6AS400VO, 6AS420VO	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
6S650, 6S720, 6S750	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
6S450, 6S480 VW Amarok, VW Crafter, MAN TGE	<a href="#">ZF EcoFluid M</a> <sup>(9)</sup> VW spare part no. G 055 538 A2	<a href="#">ZF EcoFluid M</a> VW spare part no. G 055 538 A2
6S480 IVECO Daily	<a href="#">ZF EcoFluid M</a> <sup>(9)</sup> 02E	<a href="#">ZF EcoFluid M</a> 02E
6S450, 6S480 Mercedes-Benz Sprinter	<a href="#">ZF EcoFluid M</a> 02E	<a href="#">ZF EcoFluid M</a> 02E Exxon Mobil Gear Oil MB 317 Mercedes-Benz MB 235.10 -- Manual Transmission Oil A 001 989 26 03
5S400 <sup>(2)</sup>	Fuchs Titan EG MP 80 Petronas TUTELA OTZ (80W-90)	<a href="#">ZF EcoFluid M</a> 02B / 02E

**1.4 Product groups/Models/Versions from the past, not individually listed**

<b>Product groups/Models/Versions</b>	<b>Lubricant classes</b>
<b>Torque converter lock-up clutches (WSK)</b> with separate oil circuit	02H / ATF in accordance with TE-ML 14 <sup>(7)</sup>
<b>Transmissions without ZF-Intarder</b> AS Tronic 1 (12AS1800, 16AS2200) Constant-mesh and synchronised transmissions for commercial vehicles	<a href="#">ZF EcoFluid M</a> 02B / 02E / 02L
<b>Transmissions with ZF-Intarder</b> AS Tronic 1 (12AS1800IT, 16AS2200IT) Constant-mesh and synchronised transmissions for commercial vehicles	<a href="#">ZF EcoFluid M</a> 02E / 02L
<b>Transfer case</b> with type plate entry TE-ML 02	Shell Spirax MA 80 W

## 2. Oil and filter change intervals (filter replacement affects only transmission with Intarder or WSK [torque converter clutch])

**Caution:** Please refer to the previous pages, Section 1, tables, for information on the lubricant classes released for the individual product groups.

ZF EcoFluid M was specially designed for applications with manual transmissions and automatic transmissions in commercial vehicles. The combination of a hydrocrack base oil with a specially balanced additive package ensures excellent oxidation stability and is thus excellently suited for very long oil change intervals. It warrants high-quality transmission component protection, in particular of the synchronizers and the gearings. As a result of the flat viscosity characteristic curve, the oil is suited for applications in all climate zones, particularly in hot and cold regions. Moreover, in comparison with mineral transmission fluids, ZF EcoFluid M helps to reduce fuel consumption by 0.5 up to 1.0%.






### Truck, bus and special applications according to sections 1.1, 1.2 and 1.4

Lubricant class	02B, 02H, ATF	02L	ZF EcoFluid M 02E	02K
Application	Oil and filter change intervals <sup>(3)</sup>			
- Off-road operation e.g. mining application - Average speed up to 20 km/h - Stationary drives - NMV	1.000 h 20.000 km 1 year	5.000 h 100.000 km 1 year	10.000 h 200.000 km 2 years <sup>(4)</sup>	---
- Hot country use <sup>(8)</sup> - Long-distance transport > 50 t - Short-distance transport - Tough operating conditions - Scheduled routes (buses) - Average speed from 20 to 60 km/h	120.000 km 1 year	240.000 km 2 years	360.000 km 3 years <sup>(4)</sup>	---
- Long-distance transport (trucks) - Long-distance coach journeys (buses) - Average speed as of 60 km/h	180.000 km 1 year	360.000 km 2 years	600.000 km 3 years <sup>(4)</sup>	---
- Hydraulic actuators	---	---	---	no oil change needed

### Light commercial vehicles according to section 1.3

Lubricants / Lubricant classes	Oil change intervals
02B Fuchs Titan EG MP 80 Petronas TUTELA OTZ (80W-90)	60.000 km
02L Total Tranself LD 75W-80 Petronas Gear Oil T.E. LD SAE 75W-80	240.000 km
ZF EcoFluid M / 02E Exxon Mobil Gear Oil MB 317 Mercedes-Benz MB 235.10 -- Manual Transmission Oil A 001 989 26 03	no oil change needed

### 3. Low temperatures limits

Lubricant classes	Oil type / SAE viscosity grade	Initial vehicle start-up at oil sump temperatures
ZF EcoFluid M 02B / 02E / 02K / 02L / ATF	75W / 75W-80 / 75W-85 / 75W-90 / ATF	- 40°C 
02B / 02H	80W / 80W-85 / 80W-90	- 20°C 
02B / 02H	85W-90, 90	0°C 
	30	- 5°C 
	20W (Transmatic / Torque converter lock-up clutches TC 2 only)	- 40°C  - 5°C

### 4. Explanation of footnotes and comments

#### Footnotes

- (1) In moderate climate zones, shift quality of non-automated transmissions is impaired when using the lubrication classes 02B / 02H.
- (2) If the type plate also refers to "Foton ZF LCV Automated Transmission (Jiaxing) Co., Ltd" as the manufacturer in addition to ZF, the TE-ML 02 is not valid. In this case, please contact Foton ZF LCV Automated Transmission (Jiaxing) Co., Ltd.
- (3) Oil and filter change required, depending on what occurs first. Only use genuine ZF filter inserts:
  - Intarder 2: 6085 298 026
  - Intarder 3: 0501 215 163
  - WSK: 0501 202 378
- (4) These intervals only apply to a hose breather in a dry area. If there is no hose breather in the dry area, the oil change intervals specified for lubricant class 02L apply. This restriction does not apply to TraXon and bus applications.
- (5) First filling: Only the lubricant classes listed are permitted for initial fillings of transmissions. ZF recommends the oil grades listed in Tables 1.1 -1.4.
- (6) Service filling: The lubricant classes listed are compulsory for service oil changes according to the oil-change intervals mentioned under Section 2. In case of oil changes at transmission mileage of up to 7500 km, only oils for initial fillings must be used.
- (7) All lubricants of TE-ML 14 may be used. Oil change intervals and temperature limits of TE-ML 02 do apply.
- (8) The denomination „hot country use“ is derived from the area where the vehicle is used, rather than from a country in the sense of a state.  
Regarding ZF units, we say "Hot country use" when:
  1. the monthly average temperature exceeds 25°C in more than 2 months within a year
  2. or if temperatures rise above 40°C on more than 7 days in a year.
- (9) No oil changes are required during transmission operation.

#### Comments

1. Instructions for transmission ventilation in accordance with Installation Guidelines 1203 765 110 and 1328 765 101 must be followed.
2. 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).
3. 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. ZF will not assume liability for damage caused by non-observance of our maintenance instructions.



## **5. Lubricant classes and approved trade products**

### **Lubricant class 02A**

**Note:**

Oils formerly approved according to lubricant class 02A are now found in lubricant class 02B.

**Lubricant class 02B****Note:**

In moderate climate zones, shift quality is impaired if viscosity grades higher than SAE 80W are used.

**Manufacturer (02B)**

ADDINOL LUBE OIL GMBH, LEUNA/DE  
 ADDINOL LUBE OIL GMBH, LEUNA/DE  
 AVIA AG, MÜNCHEN/DE  
 AVIA AG, MÜNCHEN/DE  
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE  
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE  
 BAYWA AG MÜNCHEN, MÜNCHEN/DE  
 BAYWA AG MÜNCHEN, MÜNCHEN/DE  
 BELGIN MADENI YAGLAR TIC. VE SAN. A.S., KOCAELI/TR  
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH  
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH  
 CASTROL LTD, LONDON/GB  
 CASTROL LTD, LONDON/GB  
 CASTROL LTD, LONDON/GB  
 CASTROL LTD, LONDON/GB  
 CASTROL LTD, LONDON/GB  
 CHAMPION CHEMICALS N.V., HEMIKSEM/BE  
 CHEVRON LUBRICANTS, SAN RAMON, CA/US  
 CHEVRON LUBRICANTS, SAN RAMON, CA/US  
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/FR  
 DE OLIEBRON BV, ZWIJNDRECHT/NL  
 DEUTSCHE ÖLWERKE LUBMIN, LUBMIN/DE  
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUSEVAC/RS  
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUSEVAC/RS  
 ENILIVE S.P.A., ROME/IT  
 ENILIVE S.P.A., ROME/IT  
 EXXONMOBIL CORPORATION, HOUSTON, TX/US  
 EXXONMOBIL CORPORATION, HOUSTON, TX/US  
 EXXONMOBIL CORPORATION, HOUSTON, TX/US  
 EXXONMOBIL CORPORATION, HOUSTON, TX/US  
 FINKE MINERALÖLWERK GMBH, 27374 VISSSELHÖVEDE/DE  
 FINKE MINERALÖLWERK GMBH, 27374 VISSSELHÖVEDE/DE  
 FUCHS PETROLUB SE, MANNHEIM/DE  
 FUCHS PETROLUB SE, MANNHEIM/DE  
 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  
 GULF OIL INTERNATIONAL, MUMBAI/IN  
 HUILES BERLIET S.A., SAINT-PRIEST/FR  
 IGOL FRANCE, AMIENS/FR  
 INA MAZIVA LTD., ZAGREB/HR  
 INA MAZIVA LTD., ZAGREB/HR  
 KUWAIT PETROLEUM (BELGIUM) N.V., ANTWERP/BE  
 KUWAIT PETROLEUM (BELGIUM) N.V., ANTWERP/BE  
 LAEMMLE CHEMICALS AG, MADETSWIL/CH  
 LAEMMLE CHEMICALS AG, MADETSWIL/CH  
 LIQUI MOLY GMBH, ULM/DE  
 LIQUI MOLY GMBH, ULM/DE  
 LIQUI MOLY PRODUKTIONS GMBH & CO. KG, SAARLOUIS/DE  
 LIQUI MOLY PRODUKTIONS GMBH & CO. KG, SAARLOUIS/DE  
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT  
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT  
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT  
 MOEVE CLIENT SOLUTIONS, S.A.U., MADRID/ES  
 MOEVE CLIENT SOLUTIONS, S.A.U., MADRID/ES  
 MOL-LUB KFT, ALMASFUZITO/HU  
 MOTOREX AG, LANGENTHAL/CH  
 MOTOREX AG, LANGENTHAL/CH  
 MOTOREX AG, LANGENTHAL/CH  
 MOTOREX AG, LANGENTHAL/CH  
 MOTUL SA, AUBERVILLIERS/FR  
 OEL-BRACK AG, HUNZENSWIL/CH  
 OEST LUBRICANTS GMBH & CO.KG, FREUDENSTADT/DE  
 OEST LUBRICANTS GMBH & CO.KG, FREUDENSTADT/DE  
 ORLEN OIL SP. Z O.O., KRAKOW/PL  
 ORLEN S.A., GDANSK/PL  
 PAKELO MOTOR OIL S.P.A. A S.U., SAN BONIFACIO (VR)/IT  
 PETROCHINA LUBRICANT COMPANY, BEIJING/CN  
 PETROCHINA LUBRICANT COMPANY, BEIJING/CN  
 PETROGAL S.A., LISBOA/PT  
 PETROL OFISI A.S., ISTANBUL/TR  
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY  
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY  
 PHI OIL GMBH, ST. GEORGEN/AT  
 PHI OIL GMBH, ST. GEORGEN/AT  
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE  
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE  
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES  
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES  
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE  
 SASOL ENERGY, JOHANNESBURG/ZA

**Trade name (02B)**

ADDINOL GETRIEBEÖL GX 80W-90 ML  
 ADDINOL GETRIEBEÖL GH 75 W 90 SL  
 AVIA POWERTRAIN GAX 80W-90  
 AVIA POWERTRAIN SUPREME GAX 75W-90  
 AVISTA PEER EVO GL4/GL5 SAE 80W-90  
 AVISTA PEER EVO PRIME GL4/GL5 SAE 80W-90  
 TECTROL MULTIGEAR PLUS 8090  
 TECTROL SYNTOGear MM 7590  
 BELGIN LUBEX MITRAS AX SYN ULTRA 75W-90  
 EVOLCA SGP 75W90  
 EVOLCA BGP 80W90  
 CASTROL TRANSMAX MANUAL EP 80W-90  
 CASTROL TRANSMAX MANUAL EP 80W-90  
 CASTROL TRANSMAX MANUAL EP 80W-90  
 CASTROL TRANSMAX UNIVERSAL LL 80W-90  
 CASTROL TRANSMAX UNIVERSAL LL 75W-90  
 CHAMPION OEM SPECIFIC 75W90 GL 5  
 DELO GEAR TDL 80W-90  
 DELO SYN-TDL 75W-90  
 GEAR TXS 75W90  
 TOR UNI GEAR LD 75W90  
 AVENO TDL ULTIMATE 75W-90  
 MULTIHIPO 75W-90 SINT  
 MULTIHIPO 80W-90 F PLUS  
 ENI ROTRA LSX 75W-90  
 ENI ROTRA MP 75W-90  
 MOBILUBE 1 SHC 75W-90  
 MOBILUBE S 80W-90  
 MOBIL DELVAC ULTRA TOTAL DRIVELINE 75W-90  
 MOBILUBE S 80W-90  
 AVIATICON FINKOGear PREMIUM 75W-90  
 AVIATICON FINKOGear SUPER 80W-90  
 FUCHS TITAN SUPERGEAR MC SAE 80W-90  
 GEARWAY S5 75W-90  
 FUCHS TITAN GEAR ZF SAE 80  
 FUCHS TITAN CYTRAC TD SAE 75W-90  
 PENTOSIN GEAR ULTRA SAE 75W-90  
 GULF GEAR TDL 80W-90  
 GULF SYNGEAR 75W-90  
 GULF GEAR ZX 80W  
 LONGEVIA TCX ECO 75W-90  
 SYNTHEGEAR 75W-90  
 INA HIPENOL TDL 80W-90  
 INA HIPENOL SHD 75W-90  
 Q8 TRANS XGS 75W-90  
 Q8 GEAR OIL XG SAE 80W-90  
 ROXOR SUPER DUTY SYNTH 75W-90  
 ROXOR TOPGEAR 80W-90  
 LIQUI MOLY VOLLSYN. HYPOID GETR.ÖL TRUCK (75W-90)  
 LIQUI MOLY HYPOID GETRIEBEÖL TDL SAE 80W-90  
 MEGOL HYPOID-GETRIEBEOEL TDL 80W-90  
 MEGOL GETRIEBEOEL TRUCK-SYNTH SAE 75W-90  
 LUKOIL TRANSMISSION SYNTH BSX 75W-90  
 LUKOIL TRANSMISSION MN 75W-90  
 LUKOIL TRANSMISSION UNI 80W-90  
 CEPESA TRANSMISIONES EP FE+LD 75W-90  
 MAN SUPER AXLE 3343 75W-90  
 MOL HYKOMOL TDL 75W90  
 MOTOREX YORK GEAR ZX TP SAE 80W/90  
 YORK 896 75W90  
 MOTOREX YORK PENTA TL SAE 75W/90  
 MOTOREX YORK UNISYNT ZX SAE 75W90  
 MOTUL GEAR SYNTH TDL 75W-90  
 MIDLAND SENSOGear 75W-90  
 OEST SYNTH GETRIEBEÖL SAE 75W-90  
 OEST GETRIEBEÖL FE SAE 80W-90 GL4/5  
 ORLEN OIL GEAR LL 80W-90  
 TITANIS SUPER GL-5 80W-90  
 GLOBAL MULTIGEAR TS SAE 75W/90  
 KUNLUN ZFGO 02B 80W-90  
 KUNLUN ZFGO 02B 85W-90  
 GALP TRANSVEX TDL 75W90  
 MAXIGEAR D 75W-90  
 TUTELA TRANSMISSION STARGear AX-ED (SAE 75W-90)  
 PETRONAS TUTELA AXLE 700 EHD 75W-90  
 UNIGEAR GOLD 75W90  
 UNIGEAR GOLD 75W90  
 RAVENOL GEAR SUPER SYNTH GSS SAE 75W-90  
 RAVENOL GEAR TRANS SYNTH GTS SAE 75W-90  
 REPSOL CARTAGO FE LD 75W90  
 REPSOL NAVIGATOR FE LL 75W-90  
 ROLF TRANSMISSION S9 AGE 75W-90  
 SYN GEAR DIFFERENTIAL OIL 75W-90

**ZF approval number**

ZF000672  
 ZF002260  
 ZF012197  
 ZF012039  
 ZF004780  
 ZF004797  
 ZF012143  
 ZF012124  
 ZF005978  
 ZF004734  
 ZF004735  
 ZF002133  
 ZF002135  
 ZF002136  
 ZF002143  
 ZF002144  
 ZF003554  
 ZF002273  
 ZF003353  
 ZF000829  
 ZF000964  
 ZF010792  
 ZF000653  
 ZF001456  
 ZF000860  
 ZF003364  
 ZF000041  
 ZF000776  
 ZF003699  
 ZF012155  
 ZF002249  
 ZF002299  
 ZF000722  
 ZF001030  
 ZF002313  
 ZF003341  
 ZF004931  
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 ZF000863  
 ZF001849  
 ZF008392  
 ZF008361  
 ZF000432  
 ZF000977  
 ZF000179  
 ZF002103  
 ZF009457  
 ZF010966  
 ZF001347  
 ZF001323  
 ZF001183  
 ZF001291  
 ZF010972  
 ZF012099  
 ZF012150  
 ZF000086  
 ZF000965  
 ZF003365  
 ZF006006  
 ZF000550  
 ZF006007  
 ZF008207  
 ZF000825  
 ZF003680  
 ZF000491  
 ZF000565  
 ZF011188  
 ZF001098  
 ZF001224  
 ZF004902  
 ZF004904  
 ZF000980  
 ZF001591  
 ZF001738  
 ZF003639  
 ZF001203  
 ZF003606  
 ZF006037  
 ZF006038  
 ZF000451  
 ZF008268  
 ZF003626  
 ZF000702

**Manufacturer (02B)**

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  
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN  
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN  
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN  
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN  
 SK ENMOVE CO.,LTD., SEOUL/KR  
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE  
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE  
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE  
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE  
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE  
 TONGYI PETROLEUM CHEMICAL CO., LTD., BEIJING/CN  
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
 UNIL OPAL, SAUMUR/FR  
 WILHELM HOYER B.V. & CO. KG, VISSSELHÖVEDE/DE  
 WILHELM HOYER B.V. & CO. KG, VISSSELHÖVEDE/DE  
 WOLF OIL CORPORATION N.V., HEMIKSEM/BE  
 YACCO SAS, ST PIERRE LES ELBEUF/FR  
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

**Trade name (02B)**

SHELL SPIRAX S3 AM 80W-90  
 SHELL SPIRAX S6 ADME 75W- 90  
 SHELL SPIRAX S3 G 80W  
 SHELL SPIRAX S3 G 80W-90  
 SHELL SPIRAX S3 AM 80W-90  
 SINOPEC GREATWALL MTF C-I 80W  
 SINOPEC GREATWALL MTF C-I 80W-90  
 SINOPEC GREATWALL MTF C-I 85W-90  
 SINOPEC MULTIPURPOSE-II GEAR OIL 80W-90  
 TATADW G EP 80W-90  
 SRS GETRIEBEFLUID SML 80W-90  
 SRS GETRIEBEFLUID SXL 75W-90  
 SRS WIOLIN ML 4 PLUS SAE 80W  
 SRS WIOLIN ML 4 PLUS SAE 80W-90  
 SRS WIOLIN ML 4 PLUS SAE 90  
 TONGYI GEAR OIL MTF 80W  
 TRAXIUM DUAL 9 FE 75W-90  
 TRANSELF SYN FE 75W-90  
 GEAR EP 80W-90  
 HOYER GEAR F-FP 75W-90  
 HOYER GEAR M-FS 80W-90  
 WOLF OFFICIALTECH 75W90 GL 5  
 BVX 1000 75W-90  
 ZF ECOFLUID X SAE 80W-90

**ZF approval number**

ZF001292  
 ZF003334  
 ZF004866  
 ZF004869  
 ZF012279  
 ZF001727  
 ZF001933  
 ZF001936  
 ZF003332  
 ZF002132  
 ZF000447  
 ZF001655  
 ZF001914  
 ZF001915  
 ZF001916  
 ZF005991  
 ZF006074  
 ZF008393  
 ZF007161  
 ZF011993  
 ZF011992  
 ZF003525  
 ZF009462  
 ZF001266

**Lubricant class 02E**

**We recommend that you use ZF EcoFluid M, a premium oil specially developed for ZF transmissions.**

<b>Manufacturer (02E)</b>	<b>Trade name (02E)</b>	<b>ZF approval number</b>
CASTROL LTD, LONDON/GB	CASTROL TRANSMAX MANUAL Z LONG LIFE 75W-80	ZF004761
FUCHS PETROLUB SE, MANNHEIM/DE	FUCHS TITAN CYTRAC ULTRA SYNTH SAE 75W-80	ZF008388
HUILES BERLIET S.A., SAINT-PRIEST/FR	RTO LONGEVIA BZV ECO 75W-80	ZF008323
MAN TRUCK & BUS SE, MUNICH/DE	MAN GENUINE OIL MAN 341 Z5 75W-80	ZF012154
MOEVE CLIENT SOLUTIONS, S.A.U., MADRID/ES	CEPSA TRANSMISIONES Z5 FE+LD 75W80	ZF008339
OLIPES S.L., CAMPO REAL - MADRID/ES	MAXIGEAR TS 7400	ZF011974
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY	TUTELA TRANSMISSION XT-D 540 (SAE 75W-80)	ZF008385
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR	TRAXIUM GEAR 9 FE 75W-80	ZF004874
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR	ELF TRANSELF ZPV 75W-80	ZF012125
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE	ZF ECOFLUID M SAE 75W-80	ZF002155

**Lubricant class 02H****Note:**

With oil sump temperatures below -5°C, engine oil of viscosity grade SAE 20W (API CD/CE/CF-4/CF/CG-4/CH-4/CI-4/SF/SG/SH/SJ/SL specifications or ACEA categories A/B/E) must be used.

**Manufacturer (02H)**

ADDINOL LUBE OIL GMBH, LEUNA/DE  
FUCHS PETROLUB SE, MANNHEIM/DE  
GULF OIL INTERNATIONAL, MUMBAI/IN  
VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR

**Trade name (02H)**

ADDINOL TURBO DIESEL MD 305 SAE 30  
FUCHS TITAN UNIVERSAL HD SAE 30 ZF  
GULF SUPER DUTY LE 30  
LUBRAX TRM 5 HD SAE 30

**ZF approval number**

ZF000624  
ZF000719  
ZF001147  
ZF001174

**Lubricant class 02K**

<b>Manufacturer (02K)</b>	<b>Trade name (02K)</b>	<b>ZF approval number</b>
FUCHS PETROLUB SE, MANNHEIM/DE	PENTOSIN CHF 11S	ZF000832
FUCHS PETROLUB SE, MANNHEIM/DE	FUCHS TITAN CHF 11S	ZF004744

**Lubricant class 02L****Manufacturer (02L)**

ADDINOL LUBE OIL GMBH, LEUNA/DE  
 AVIA AG, MÜNCHEN/DE  
 BAYWA AG MÜNCHEN, MÜNCHEN/DE  
 BELGIN MADENI YAGLAR TIC. VE SAN. A.S., KOCAELI/TR  
 CASTROL LTD, LONDON/GB  
 CASTROL LTD, LONDON/GB  
 CHAMPION CHEMICALS N.V., HEMIKSEM/BE  
 CHEVRON LUBRICANTS, SAN RAMON, CA/US  
 CHEVRON LUBRICANTS, SAN RAMON, CA/US  
 DE OLIEBRON BV, ZWIJNDRECHT/NL  
 DEUTSCHE ÖLWERKE LUBMIN, LUBMIN/DE  
 DONGFENG COMMERCIAL VEHICLE CO. LTD, HUBEI/CN  
 ENILIVE S.P.A., ROME/IT  
 EUROL B.V., NJIVERDAL/NL  
 EUROPART TRADING GMBH, HAGEN/DE  
 EXXONMOBIL CORPORATION, HOUSTON, TX/US  
 FINKE MINERALÖLWERK GMBH, 27374 VISSSELHÖVEDE/DE  
 FUCHS PETROLUB SE, MANNHEIM/DE  
 FUCHS PETROLUB SE, MANNHEIM/DE  
 FUCHS PETROLUB SE, MANNHEIM/DE  
 FUCHS PETROLUB SE, MANNHEIM/DE  
 GULF OIL INTERNATIONAL, MUMBAI/IN  
 GULF WESTERN OIL (AUST) PTY LTD, ST MARYS/AU  
 IGOL FRANCE, AMIENS/FR  
 INA MAZIVA LTD., ZAGREB/HR  
 KROON-OIL B.V., ALMELO/NL  
 KUWAIT PETROLEUM (BELGIUM) N.V., ANTWERP/BE  
 KUWAIT PETROLEUM (BELGIUM) N.V., ANTWERP/BE  
 LIQUI MOLY GMBH, ULM/DE  
 LIQUI MOLY PRODUKTIONS GMBH & CO. KG, SAARLOUIS/DE  
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT  
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT  
 MOEVE CLIENT SOLUTIONS, S.A.U., MADRID/ES  
 MOL-LUB KFT, ALMASFUZITO/HU  
 MOTOREX AG, LANGENTHAL/CH  
 MOTOREX AG, LANGENTHAL/CH  
 PAKEL MOTOR OIL S.P.A. A S.U., SAN BONIFACIO (VR)/IT  
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA  
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA  
 PETROCHINA LUBRICANT COMPANY, BEIJING/CN  
 PETROGAL S.A., LISBOA/PT  
 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  
 PHI OIL GMBH, ST. GEORGEN/AT  
 RALOV LUBRICANTES, S.A. DE C.V., SANTIAGO TIANGUISTEN/MX  
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE  
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES  
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE  
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB  
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN  
 SK ENMOVE CO.,LTD., SEOUL/KR  
 SK ENMOVE CO.,LTD., SEOUL/KR  
 TONGYI PETROLEUM CHEMICAL CO., LTD., BEIJING/CN  
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
 UNIL OPAL, SAUMUR/FR  
 VALVOLINE EUROPE, DORDRECHT/NL  
 VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR  
 WILHELM HOYER B.V. & CO. KG, VISSSELHÖVEDE/DE  
 WOLF OIL CORPORATION N.V., HEMIKSEM/BE  
 YACCO SAS, ST PIERRE LES ELBEUF/FR  
 ZELLER+GMELIN GMBH&CO.KG, EISLINGEN/DE  
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

**Trade name (02L)**

ADDINOL GETRIEBEÖL GS 75 W 80 SL  
 AVIA POWERTRAIN PREMIUM GX-HD 75W-80  
 TECTROL SYNTOGEAR MA 7580  
 BELGIN LUBEX MITRAS MT EP SYN 75W-80  
 TRANSMAX MANUAL Z 75W-80  
 CASTROL GL-4 75W-80 300K  
 CHAMPION OEM SPECIFIC 75W80 ZF  
 DELO SYN-MTF XZ 75W-80  
 DELO SYN-MTF XZ 75W-80  
 TOR MT/LD GEAR OIL 75W80  
 AVENO TRUCK GEAR LONGLIFE 75W-80  
 DFCV-HDT 31  
 ENI ROTRA MULTIGEAR 75W-80  
 EUROL HPX ZM 75W-80 GL-4  
 EUROPART SYNTHOGEAR INT. 75W80  
 MOBIL DELVAC 1 TRANSMISSION FLUID 75W-80  
 AVIATICON FINKOGEAR MTF 75W-80  
 FUCHS TITAN CYTRAC MAN SYNTH SAE 75W-80  
 FUCHS TITAN CYTRAC MAT SAE 75W-80  
 FUCHS TITAN CYTRAC MAT SAE 75W-80  
 FUCHS TITAN CYTRAC MAT SAE 75W-80  
 GULF SYNGEAR FE 75W-80  
 ULTRA SHIFT M SYNTHETIC MANUAL TRANSMISSION FLUID  
 IGOL TRANSGEAR ZF PLUS 75W-80  
 INA TRANSOMOL HD SAE 75W-80  
 SYNGEAR MT/LD 75W-80  
 Q8 GEAR OIL V 75W-80  
 Q8 T 60 NTECH 75W-80  
 LIQUI MOLY TRUCK GETRIEBEÖL HC GL4 SAE 75W-80  
 MEGOL PREMIUM GETRIEBEOEL HC GL 4 75W80  
 LUKOIL TRANSMISSION SYNTH MPV 75W-80  
 LUKOIL TRANSMISSION LDI 75W-80  
 CEPASA TRANSMISIONES FE+LD 75W-80  
 MOL HYKOMOL SYNTRANS 75W80  
 YORK 994  
 MOTOREX YORK PRISMA TF SAE 75W/80  
 GOLDENGear LD PLUS SAE 75W-80  
 TRAXON SYNTHETIC MTF 75W-80  
 TRAXON SYNTHETIC MTF 75W-80  
 KUNLUN ZFGO 02L  
 GALP TRANSVEX TDL ULTRA 75W80  
 MAXIGEAR S 75W-80  
 PETRONAS TUTELA MTF 700 HD 75W-80  
 PETRONAS TUTELA MTF 700 HD 75W-80  
 TUTELA TRANSMISSION FE-GEAR (SAE 75W-80)  
 TUTELA TRANSMISSION FE-GEAR (SAE 75W-80)  
 GEAR OIL MDV SILVER 75W80  
 KRÖNEN TRANSMISSION SYNTHETIC OIL 341 SAE 75W-80  
 RAVENOL SSG SPEC SYNT LKW GETRIEBEÖL 75W-80  
 REPSOL NAVIGATOR FE LL 75W-80  
 ROLF TRANSMISSION S7 GE 75W-80  
 SHELL SPIRAX S6 GXME 75W- 80  
 SINOPEC GREATWALL MTF 02L 75W-80  
 SK GEAR EP 75W-80 ZF  
 ZIC ZS G-EP HP 75W-80  
 TONGYI GEAR OIL MTF 75W-80  
 TRAXIUM GEAR 8 FE 75W-80  
 TRANSELF LD 75W-80  
 TRAXIUM GEAR 8 FE 75W-80  
 TRANSELF LD 75W-80  
 GERION LD 75W80  
 VALVOLINE HEAVY DUTY GEAR OIL PRO 75W-80 LD  
 LUBRAX GOLD XP SAE 75W-80  
 HOYER GEAR F-TF 75W-80  
 WOLF OFFICIALTECH 75W80 ZF  
 BVX Z 1000 75W-80  
 DIVINOL SYNTHOGEAR INT. 75W80  
 ZF ECOFLUID M1

**ZF approval number**

ZF008318  
 ZF012201  
 ZF008378  
 ZF006036  
 ZF004760  
 ZF012090  
 ZF008313  
 ZF003601  
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 ZF000779  
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 ZF008220  
 ZF008236  
 ZF008237  
 ZF008404  
 ZF004783  
 ZF004854  
 ZF012003  
 ZF008307  
 ZF001042  
 ZF008324  
 ZF011989

**Lubricant class 02V****Note:**

Transmissions with label 02V on the type plate can be filled with ZF-EcoFluid M or, alternatively, with lubricant classes 02B, 02L and 02E.