



## Powershift transmissions type PowerLine

## List of lubricants TE-ML 26

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### 1. Approved lubricant classes for PowerLine transmissions

Product groups	Lubricant classes for service fill <sup>(1)</sup>
<b>PowerLine transmission for trucks:</b>  8 AP 600 T, 8 AP 800 T, 8 AP 1000 T, 8 AP 1200 T  <b>PowerLine transmission for buses:</b>  8 AP 700 B, 8 AP 900 B, 8 AP 1000 B, 8 AP 1200 B	  26D  <b>Particularly recommended:</b> <b>ZF EcoFluid Life Plus <sup>(2)</sup></b>

The list of lubricants TE-ML 26, **edition 01.04.2026** 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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**2. Oil change intervals for trucks <sup>(1)</sup>**

Application	Oil change interval [km/ year] <sup>(3)</sup> at a maximum permissible oil temperature of		
	85°C <sup>(4)</sup>	95°C	105°C
<b>Special applications</b>  <b>Average vehicle speed &lt; 30 km/h, e.g. municipal vehicles, construction site operation <sup>(5)</sup> PTO HD <sup>(7)</sup></b>	180.000 km 1 x every 3 years	120.000 km 1 x every 3 years	60.000 km 1 x every 3 years
<b>Standard</b>  <b>Urban and regional distribution traffic</b>	360.000 km 1 x every 3 years	240.000 km 1 x every 3 years	120.000 km 1 x every 3 years
<b>Long-distance transport</b>  <b>Average vehicle speed &gt; 60 km/h</b>	540.000 km 1 x every 3 years	360.000 km 1 x every 3 years	180.000 km 1 x every 3 years

**3. Oil change intervals for buses <sup>(1)</sup>**

Application	Oil change interval [km/ year] <sup>(3)</sup> at a maximum permissible oil temperature of	
	95°C	105°C
<b>Heavy-duty operation</b>  <b>Intense city traffic <sup>(6)</sup></b>	60.000 km 1 x every 2 years	30.000 km 1 x every 2 years
<b>Standard</b>  <b>Urban and regional bus traffic</b>	120.000 km 1 x every 2 years	60.000 km 1 x every 2 years

**4. Explanation of footnotes and comments****Footnotes**

- (1) Refer to the following pages for approved commercial products and oil change intervals.
- (2) ZF EcoFluid Life Plus was specifically developed for use in commercial vehicle automatic powershift transmissions. The combination of synthetic basic oil on the basis of polyalphaolefin and a specially well balanced package of additives ensures excellent oxidation stability, a very constant friction coefficient, and high-quality protection of all transmission components. 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.
- (3) Oil change required, depending on what occurs first. The maximum oil sump temperature may be exceeded for a maximum of 5% of the time. As of > 5%, the next higher class is to be applied.
- (4) For this temperature class, it is mandatory to provide a hose breather in a dry area.
- (5) For 8AP transmissions in Off road or military applications please refer to the List of Lubricants TE-ML 25.
- (6) The definition of "heavy-duty operation" is based on the UITP SORT1 cycle. With an average of more than 3.3 starts/km or an average speed <18 km/h, a heavy-duty operation is assumed.
- (7) PTO HD (Dual PTO or PTO performance >60 kW and operating time >1 h/day)

**Comments**

1. Instructions for transmission ventilation in accordance with Installation Guideline 1390 765 101 must be followed.
2. 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.

## 5. Lubricant classes and approved trade products

### Lubricant class 26D

#### Manufacturer (26D)

HUILES BERLIET S.A., SAINT-PRIEST/FR  
MAN TRUCK & BUS SE, MUNICH/DE  
PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY  
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR  
VOLVO GROUP, GOTHENBURG/SE  
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

#### Trade name (26D)

RENAULT TRUCKS ATF 74005  
MAN GENUINE OIL ATF MAN 339 Z21  
TUTELA ATF 360  
FLUIDMATIC HD XLD  
VOLVO AUTOMATIC TRANSMISSION FLUID 97005  
ZF ECOFLUID LIFE PLUS

#### ZF approval number

ZF008347  
ZF012146  
ZF010825  
ZF011911  
ZF008362  
ZF001719