

TRANSMISSIONS



MOTOR VEHICLE LUBRICANTS

CEPSA FE+LD 75W80 ECOPRODUCT

DESCRIPTION

High-performance synthetic lubricant for the latest-generation manual gearboxes operating under heavy loads. The exceptional qualities of its components make it recommendable for extended drain intervals and as a fuel-economy oil.

PRODUCT APPLICATIONS

- In all types of mechanical transmission in heavy or light-duty vehicles, even in the most demanding conditions.
- In a variety of different commercial vehicle and heavy truck manufacturers who install ZF transmissions, such as MAN, IVECO, DAF and Renault.
- For gearboxes where the withdrawn specifications ZF TE-ML 02D and/or MAN 341 Z-3 were required, and now taken by ZF TE-ML 02L and MAN 341 Z-4.
- For easy gear changes and resistance to extreme temperatures (down to -40°C).
- In latest-generation gearboxes that require:
 - Great smoothness in gear changes.
 - Good and precise gear synchro response.
 - Reduction of friction in order to increase vehicle power.

PRODUCT PERFORMANCE

- Extended oil change intervals (400.000 km).
- Low temperature gear shiftability.
- Its high viscosity index ensures excellent lubrication properties both at high and very low temperatures.
- The high quality of its viscosity improving additives ensures excellent stability to shearing, preventing losses of viscosity at high temperatures.
- Fuel economy and efficiency due to its anti-friction characteristics.
- Avoids premature loss of the "synchro" when starting at low temperatures.

SPECIFICATIONS

- API GL-4
 - MIL-PRF-2105
 - ZF TE-ML 01L/02L/16K ^[1]
 - VOLVO 97307
 - MAN 341 Z-4
 - Renault / DAF / IVECO
 - EATON Europe (300.000 km or 3 years)
- [1] – ZF 000472

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA TRANSMISIONES FE+LD 75W80
SAE grade			75W80
Density at 15°C	Kg/l	D-4052	0.858
Flash Point (COC)	°C	D-92	>230
Pour Point	°C	D-97	-42
Viscosity at 100°C	cSt	D-445	9.5
Viscosity at -40°C	cSt	D-2983	<150.000
Viscosity Index		D-2270	150

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning.