

Hypoid Gear Oil (GL4/5) TDL SAE 80W-90

Description

Mineral hypoid gear oil with extremely high performance reserves. Excellent ageing stability. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless aggregate functioning. Minimizes wear. Outstanding viscosity temperature behavior. Enables long oil change intervals.

Properties

- high pressure-absorption capability
- excellent resistance to aging
- does not attack common sealing materials
- guarantees smooth gearshifting
- reduces running noise
- universal application
- rationalizes storage

Approvals

API GL4 • API GL5 • API MT-1 • MAN 341 Typ E2 • MAN 341 Typ Z2 • MAN 342 Typ M2 • MIL-L 2105 D • MIL-PRF 2105 E • ZF TE-ML 02B • ZF TE-ML 05A • ZF TE-ML 12L • ZF TE-ML 12M • ZF TE-ML 16B • ZF TE-ML 17H • ZF TE-ML 19B • ZF TE-ML 21A • ZF approval number ZF001323

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required

DAF • Eaton • MB 235.0 • Scania STO 1:0 • Volvo 97310 • ZF TE-ML 17B

Technical data

SAE class (gear oils)	80W-90 SAE J306
Density at 59 °F	0,9 g/cm ³ DIN 51757
Viscosity at 104 °F	142 mm ² /s ASTM D 7042-04
Viscosity at 212°F	14,8 mm ² /s ASTM D 7042-04
Viscosity at -15 °F (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	104 DIN ISO 2909
Pour point	-16 °F DIN ISO 3016
Flash point	392 °F DIN ISO 2592
Color number (ASTM)	L3,5 DIN ISO 2049



Areas of application

Specifically developed for use in commercial vehicles. Universal use TDL oil (total drive line) for shift, auxiliary and differential transmissions without limited-slip differentials. Comply with the vehicle or aggregate manufacturer's instructions.

Application

When selecting, keep to the viscosity class stipulated by the transmission manufacturer. Mixable with all branded gear oils. Full effectiveness only when used unmixed.

Our information is based on thorough research and may be considered reliable, although not legally binding.