

Product information

PI 47/01/07/2020



Fully Synthetic Hypoid-Gear Oil Truck (GL4/5) 75W-90

Description

Fully synthetic high-pressure TDL (total drive line) gear oil formulation. Exceeds the highest test requirements of well-known vehicle manufacturers. Ensures mechanical components function perfectly, even under extreme operating conditions and when exposed to large temperature fluctuations. The synthetic base oils ensure excellent viscosity and temperature stability as well as a high degree of load-bearing capacity and wear reduction.

Properties

- excellent viscosity/temperature properties
- minimizes wear
- reduces running noise
- excellent resistance to aging
- high pressure-absorption capability
- does not attack common sealing materials
- suitable for manual, hypoid, transaxle and auxiliary transmissions

Specifications and approvals:

API GL4 • API GL5 • API MT-1 • MAN 341 Typ Z2 • MAN 342 Typ S1 • MB-Approval 235.8 • MIL-PRF 2105 E • Scania STO 2:0A • ZF TE-ML 02B • ZF TE-ML 05A • ZF TE-ML 12L • ZF TE-ML 12N • ZF TE-ML 16F • ZF TE-ML 17B • ZF TE-ML 19C • ZF TE-ML 21A • ZF approval number ZF001347

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

DFS 93K219.01 Detroit • MAN 341 Typ E3 • MAN 342 Typ M3 • MAN 3343 Typ S • SAE J 2360 • Scania STO 1:0 • Volvo 97312 • ZF TE-ML 07A • ZF TE-ML 08 • ZF TE-ML 12B

Technical data

SAE class (gear oils)	75W-90 SAE J306
Density at 15 °C	0,870 g/cm ³ DIN 51757
Viscosity at 40 °C	105,6 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	15,6 mm ² /s ASTM D 7042-04
Viscosity index	157 DIN ISO 2909
Viscosity at -40°C (Brookfield)	<150000 mPas ASTM D 2983-09



Technical data

Pour point	-51 °C DIN ISO 3016
Flash point	200 °C DIN ISO 2592
Foaming behavior at 24 °C	0/0 ml ISO 6247
Foaming behavior at 93.5 °C	0/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	0/0 ml ISO 6247
Color number (ASTM)	L 1,5 DIN ISO 2049

Areas of application

For heavy-duty motor vehicle transmissions, particularly axle drives with hypoid gearing for which an API GL 4/5 type gear oil is specified as well as for manual, transaxle, and auxiliary transmissions.

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.

Available pack sizes

20 l Canister plastic	1182 D-GB-I-E-P
60 l Drum sheet metal	1183 D-GB
205 l Drum sheet metal	1184 D-GB

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