Product information

PI 60/10/21/2026

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



Description

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

Properties

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

Specifications / Approvals

API GL4 • API GL5 • API MT-1 • DTFR 12B140 • MAN 341 Typ Z2 • MAN 342 Typ S1 • MB-Approval 235.8 • MB-Approval 235.9 • MIL-PRF 2105 E • Scania STO 2:0A FS • 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 recommends this product for vehicles or assemblies for which the following specifications or original spare part numbers are required:

DFS 93K219.01 Detroit • DTFR 13B110 (235.11) • MAN 3343 Typ S • MAN 341 Typ E3 • MAN 342 Typ M3 • MB 235.8 • MB 235.21 • 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/cm³ DIN 51757
Viscosity at 40 °C	106,0 mm²/s ASTM D7042
Viscosity at 100 °C	15,6 mm²/s ASTM D7042
Viscosity index	157 DIN ISO 2909
Viscosity at -40 °C (Brookfield)	<150000 mPas ASTM D2983

Technical data

Pour point	-51 °C DIN ISO 3016
Flash point	200 °C DIN ISO 2592
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 DE-EN-ES-IT-PT
60 l Black plate barrel	1183 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	1184 DE-EN-ES-FR-IT-PT

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

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com