Product information

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Truck High Performance Gear Oil (GL3+) SAE 75W-80



Description

High-performance high-pressure gear oil for high-load manual, auxiliary and transaxle transmissions where a lubricant complying with API GL-3+ (GL-3/4) is required. High-quality, synthetic base oils and modern additive technology ensure a broad application range and optimum transmission lubrication under extreme conditions with long oil change intervals up to 320,000 km. Thanks to its low-viscosity characteristics, this gear oil is also suitable where shifting difficulties exist (e.g. stiffness), where for example problems occur with the use of high-viscosity/single-grade oils such as class API GL-3/4.

Properties

- outstanding corrosion protection
- excellent wear resistance
- high pressure-absorption capability
- excellent low temperature behavior
- outstanding viscosity stability
- very compatible with seals
- reduces transmission noise
- reduces gearshift resistance
- extremely long oil change intervals

Specifications / Approvals

API GL3+

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

DAF • Eaton Extended Drain (300.000 km) • IVECO • MAN 341 Typ E3 • MAN 341 Typ Z3 • Renault Trucks • Volvo 97305 • ZF TE-ML 02D • ZF TE-ML 08

Technical data

SAE class (gear oils)	75W-80 SAE J306
Density at 15 °C	0,86 g/cm³ DIN 51757
Viscosity at 40 °C	55,8 mm²/s ASTM D 7042-04
Viscosity at 100 °C	9,5 mm²/s ASTM D 7042-04
Viscosity at -40 °C (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	154 DIN ISO 2909
Pour point	-42 °C DIN ISO 3016

Technical data

Flash point	240 °C DIN ISO 2592
Color number (ASTM)	L 1,5 DIN ISO 2049

Areas of application

For extreme high-load manual, auxiliary and transaxle transmissions, where a lubricant of this performance class is required.

Application

The requirements of the vehicle and transmission manufacturers must be adhered to. Can be mixed with mineral oil residue, which remains in transmission/final drive when changing oil.

Available pack sizes

60 l Black plate barrel	1159 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	1162 DE-EN-ES-FR-IT-PT

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

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