Product information

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Hypoid-Gear Oil Truck (GL5) LD 80W-90

Description

Hypoid gear oil Truck LD 80W-90 is an extreme pressure gear oil that has been specially designed for use with prolonged oil change intervals in commercial vehicle axle transmissions and construction machinery without a limited slip differential. Thanks to their outstanding EP properties and low coefficient of friction, certain base oils and special additives are compatible with low-wear operation. Hypoid gear oil Truck LD 80W-90 meets the high requirements made of modern commercial vehicles and construction machinery.



Properties

- excellent wear resistance
- reduces running noise
- high pressure-absorption capability
- does not attack common sealing materials
- excellent viscosity/temperature properties
- high resistance to aging
- for extended oil-change intervals

Specifications / Approvals

API GL5 • API MT-1 • MAN 342 Typ M3 • MB-Approval 235.20 • MIL-PRF 2105 E • Scania STO 1:0

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

ARVIN MERITOR AXLES • MAN 342 Typ M2 • MB 235.0 • MB 235.6 • ZF TE-ML 05A • ZF TE-ML 07A • ZF TE-ML 08 • ZF TE-ML 12E • ZF TE-ML 16B • ZF TE-ML 16C • ZF TE-ML 16D • ZF TE-ML 17B • ZF TE-ML 19B • ZF TE-ML 21A

Technical data

SAE class (gear oils)	80W-90 SAE J306
Density at 15 °C	0,9 g/cm³ DIN 51757
Viscosity at 40 °C	140 mm²/s ASTM D 7042-04
Viscosity at 100 °C	14,6 mm²/s ASTM D 7042-04
Viscosity at -26 °C (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	103 DIN ISO 2909
Pour point	-30 °C DIN ISO 3016
Flash point	210 °C DIN ISO 2592

Technical data

Color number (ASTM)	L 3,5 DIN ISO 2049

Areas of application

Specially developed for axle drives exposed to extremely high loads in commercial vehicles and construction machinery without a limited slip differential as well as for ancillary units. Usage according to the prescribed specifications from the unit or vehicle manufacturer.

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	3594 DE-EN-ES-IT-PT
60 l Black plate barrel	3598 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	3599 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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