Product information

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Hypoid Gear Oil (GL5) SAE 85W-140

Description

Mineral based low-viscosity hypoid gear oil. For vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless mechanical component operation. Greatest lubrication security and maximum wear protection are achieved through its large viscosity bandwidth. Reduces transmission noise.

Properties

- excellent resistance to aging
- reduces running noise
- high pressure-absorption capability
- does not attack common sealing materials
- excellent low temperature behavior
- minimizes wear
- high viscosity

Approvals

API GL5 • MIL-L 2105 D • ZF TE-ML 16D • ZF TE-ML 21A • ZF approval number ZF005974

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

MIL-L 2105 C

Technical data

SAE class (gear oils)	85W-140 SAE J306
Density at 15 °C	0,910 g/cm³ DIN 51757
Viscosity at 40 °C	375,0 mm²/s ASTM D 7042-04
Viscosity at 100 °C	27,7 mm²/s ASTM D 7042-04
Viscosity at -12 °C (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	100 DIN ISO 2909
Pour point	-24 °C DIN ISO 3016
Flash point	218 °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

Technical data

Oxide ash	0,07 g/100g DIN EN ISO 6245
Sulfate ash	0,09 g/100g DIN 51575
Color number (ASTM)	L4,0 DIN ISO 2049
Four-ball tester material load/weld force	4000/4200 N DIN 51350 Teil 4

Areas of application

For heavy-duty motor vehicle transmissions, particularly with Hypoid gearing for which an API GL 5 type gear oil is specified.

Application

When selecting, keep to the viscosity class stipulated by the transmission manufacturer. Miscible with all branded gear oils. Fully effective only when used alone.

Available pack sizes

20 l Canister plastic	1027 D-GB-I-E-P
60 l Drum sheet metal	3595 D-GB
205 l Drum sheet metal	1028 D-GB

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

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