Product information

PI 30/08/17/2026

Hypoid Gear Oil (GL5) SAE 85W-140



Description

Mineral-based hypoid gear oil. For vehicles with proven transmission technology. Ensures assemblies function perfectly, even under extreme operating conditions and when exposed to large temperature fluctuations. Maximum lubrication reliability, maximum wear protection due to broad viscosity range. Reduces transmission noise.

Properties

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

Specifications / Approvals

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

LIQUI MOLY recommends this product for vehicles or assemblies for which the following specifications or original spare 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.

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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	1027 DE-EN-ES-IT-PT
60 l Black plate barrel	3595 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	1028 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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