Product information

PI 35/10/21/2026

Hypoid Gear Oil (GL5) SAE 80W-90



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. Ensures a stable lubricating film. Offers high lubrication reliability and optimal wear protection.

Properties

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

Specifications / Approvals

API GL5 • MIL-L 2105 C • MIL-L 2105 D • ZF TE-ML 16B • ZF TE-ML 17B • ZF TE-ML 19B • ZF TE-ML 21A • ZF approval number ZF002053

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

MAN 342 Typ M1 • MB 235.0

Technical data

SAE class (gear oils)	80W-90 SAE J306
Density at 15 °C	0,88 g/cm³ DIN 51757
Viscosity at 40 °C	158 mm²/s ASTM D 7042-04
Viscosity at 100 °C	16 mm²/s ASTM D 7042-04
Viscosity at -26 °C (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	105 DIN ISO 2909
Pour point	-33 °C DIN ISO 3016
Flash point	205 °C DIN ISO 2592
Color number (ASTM)	L 2,0 DIN ISO 2049

Areas of application

For high-load motor vehicle transmissions, particularly axle drives with hypoid gearing.

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. Only use in manual transmissions for which API GL 5 oils have been stipulated.

Available pack sizes

1 l Can plastic	4406 DE-EN-ES-IT-PT
20 l Canister plastic	1048 DE-EN-ES-IT-PT
60 l Black plate barrel	3592 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