Product information

PI 44/10/21/2026

Hypoid Gear Oil (GL5) LS SAE 85W-90



Description

High-quality motor vehicle hypoid gear oil for the most extreme conditions. Specially developed for use in axle drives with **limited slip differentials**. Contains selected additives which offer outstanding EP properties and also alter the frictional coefficient between the clutch plates. This prevents the stick-slip effect and the judder that this causes. Meets the demanding requirements of leading automotive manufacturers

Properties

- minimizes wear
- reduces friction and prevents stick slip

Specifications / Approvals

API GL5 • MIL-L 2105 D

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

DAF • GM B 40 1010 • Volvo (Axles/limited slip differential) • Volvo 97311 • ZF TE-ML 05C • ZF TE-ML 21C

Technical data

SAE class (gear oils)	85W-90 SAE J306
Density at 15 °C	0,9 g/cm³ DIN 51757
Viscosity at 40 °C	195 mm²/s ASTM D 7042-04
Viscosity at 100 °C	17,8 mm²/s ASTM D 7042-04
Viscosity at -12 °C (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	99 DIN ISO 2909
Pour point	-18 °C DIN ISO 3016
Flash point	220 °C DIN ISO 2592
Color number (ASTM)	3,5 DIN ISO 2049

Areas of application

For vehicle transmissions that are subjected to extreme loads, in particular axle drives with hypoid gearing and with or without locking differentials.

Application

The operating instructions of the vehicle and transmission manufacturers must be followed.

Available pack sizes

1 l Can plastic	1410 DE-EN-ES-IT-PT
1 l Can plastic	3660 AR-DE-EL-FR-NL
20 l Canister plastic	4706 DE-EN-ES-FR-IT-PT
60 l Black plate barrel	4707 DE-EN-ES-FR-IT-PT
205 l Black plate barrel	3596 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