Product information

PI 37/10/21/2026

Fully Synthetic Hypoid Gear Oil (GL5) LS SAE 75W-140



Description

Fully synthetic hypoid gear oil, developed for use in final drives with or without wet clutch-based differentials (Limited Slip). Stable viscosity and multifunctional EP additives guarantee maximum wear protection even under extreme operating conditions. Exceeds the high requirements of well-known vehicle manufacturers and recommended for any hi-load transmission or differential in race and track vehicles or whenever added protection is needed.

Properties

- outstanding corrosion protection
- excellent wear resistance
- reduces running noise
- high pressure-absorption capability
- excellent viscosity/temperature properties
- excellent resistance to aging
- for extended oil-change intervals
- very compatible with seals

Specifications / Approvals

API GL5

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

BMW rear-axle gear oil • Ford WSL-M2C 192-A • Scania STO 1:0 • VME • ZF TE-ML 05D • ZF TE-ML 12D • ZF TE-ML 16G • ZF TE-ML 21D

Technical data

SAE class (gear oils)	75W-140 SAE J306
Density at 59 °F	0,875 g/cm³ DIN 51757
Viscosity at 104 °F	179 mm²/s ASTM D 7042-04
Viscosity at 212°F	25 mm²/s ASTM D 7042-04
Viscosity at -40 °F (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	172 DIN ISO 2909
Pour point	-59 °F DIN ISO 3016
Flash point	406 °F DIN ISO 2592

Technical data

Color number (ASTM)	L 1,5 DIN ISO 2049

Areas of application

Universal use in high-performance gearboxes, hypoid axles and differentials with and without an integrated differential lock system (wet clutch), particularly suitable for numerous BMW vehicles as well as for transmissions from other manufacturers where a gear oil meeting product specification is required or recommended.

Application

Observe the manufacturers instructions!

Available pack sizes

1 l Can plastic	20042 USEN
1 l Can plastic	22178 CAEN-CAFR

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

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