

Gear Oil (GL4) SAE 85W-90

Description

Mineral gear oil for vehicles with proven transmission technology. Ensures a stable lubricating film. Minimizes wear. Provides extremely good lubrication properties and outstanding corrosion protection. Enables smoother gearshifting.

Properties

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

Specifications / Approvals

API GL4 • MIL-L 2105 • ZF TE-ML 16A • ZF TE-ML 17A
• ZF TE-ML 19A • ZF approval number ZF002054

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

MAN 341 Typ E1 • MAN 341 Typ Z2

Technical data

SAE class (gear oils)	85W-90 SAE J306
Density at 15 °C	0,885 g/cm ³ DIN 51757
Viscosity at 40 °C	197 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	17,6 mm ² /s ASTM D 7042-04
Viscosity at -12 °C	<150000 mPas DIN 51398
Viscosity at -12 °C (Brookfield)	<= 150000 mPas ASTM 2983-09
Viscosity index	96 DIN ISO 2909
Flash point	220 °C DIN ISO 2592
Pour point	-15 °C DIN ISO 3016
Foaming behavior at 24 °C	0/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	0/0 ml ISO 6247
Foaming behavior at 93.5 °C	0/0 ml ISO 6247

Technical data

Neutralization number	0,8 mg KOH/g DIN 51558 T1
Saponification number	2 mg KOH/g DIN 51559 T1
Oxide ash	0,01 g/100g DIN EN ISO 6245
Sulfate ash	0,02 g/100g DIN 51575
Color number (ASTM)	L 3,5 DIN ISO 2049

Areas of application

For transmissions (particularly manual transmissions) and axle drives with normal to high load for which an API GL4 gear oil is required.

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

500 ml Can plastic	1403 DE-EN-ES-IT-PT
1 l Can plastic	1030 DE-EN-ES-IT-PT
1 l Can plastic	8954 AR-DE-EL-FR-NL
1 l Can plastic	20016 CAEN-CAFR-USEN
20 l Canister plastic	1045 DE-EN-ES-IT-PT
60 l Black plate barrel	1034 DE-EN-ES-FR-IT-PT

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

