

Product information

Gear Oil (GL4) SAE 85W-90

PI 38/25/08/2020



Description

Mineral based transmission oil for vehicles with tried and tested transmission technology. Provides a stable lubricating film and minimizes wear. Provides extremely good lubrication properties and outstanding corrosion protection. Enables smoother shifting.

Properties

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

Specifications and approvals:

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

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original 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	2,0 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, manual transmissions, and axle drives with normal to high loading for which an API GL4 gear oil is required.

Application

During selection, keep to the viscosity class stipulated by the transmission manufacturer. Miscible with all branded gear oils. Fully effective only when used alone.

Available pack sizes

500 ml Can plastic	1403 D-GB-I-E-P
1 l Can plastic	1030 D-GB-I-E-P
1 l Can plastic	8954 D-NL-F-GR-ARAB
1 l Can plastic	20016 USA AND CANADA (-EN-F-)
20 l Canister plastic	1045 D-GB-I-E-P
60 l Drum sheet metal	1034 D-GB
205 l Drum sheet metal	1038 D-GB

Product information

PI 38/25/08/2020

Gear Oil (GL4) SAE 85W-90



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