Product information
Gear Oil (GL4) SAE 85W-90

PI 46/07/03/2025



Description

Mineral based transmission oil provides accurate function at any temperature even during high torque loads. Consistent viscosity guarantees a strong lubricating film for maximum wear protection. Enables easy shifting and smooth gear engagement.

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 59 °F	0,885 g/cm³ DIN 51757
Viscosity at 104 °F	197 mm²/s ASTM D 7042-04
Viscosity at 212°F	17,6 mm²/s ASTM D 7042-04
Viscosity at 10 °F	<150000 mPas DIN 51398
Viscosity at 10 °F (Brookfield)	<= 150000 mPas ASTM 2983-09
Viscosity index	96 DIN ISO 2909
Flash point	428 °F DIN ISO 2592
Pour point	5 °F DIN ISO 3016
Foaming behavior at 75 °F	0/0 ml ISO 6247
Foaming behavior at 75 °F after 200 °F	0/0 ml ISO 6247
Foaming behavior at 200 °F	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

Universal use in gearboxes, hypoid axles and differentials without an integrated differential lock system (wet clutch) where a gear oil meeting current specifications is required or recommended.

Application

Observe the manufacturers instructions!

Available pack sizes

1 l Can plastic	20016 CAEN-CAFR-USEN

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

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