

Product information

Gear Oil (GL4) SAE 85W-90

PI 37/17/02/2020



Description

Mineral transmission oil. Provides a stable lubricating film. Minimizes wear. Provides extremely good lubrication properties and outstanding corrosion protection. Enables smooth 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 59 °F | 0,885 g/cm ³ DIN 51757 |
| Viscosity at 104 °F | 197 mm ² /s ASTM D 7042-04 |
| Viscosity at 212°F | 17,6 mm ² /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 | 2,0 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 manual, auxiliary and axle drive transmissions with normal to high loading. Comply with the vehicle or aggregate manufacturer's instructions.

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

| | |
|-----------------|----------------------------------|
| 1 l Can plastic | 20016 USA AND CANADA (-EN-F-) |
|-----------------|----------------------------------|

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