

# Product information

## Gear Oil (GL4) SAE 85W-90

PI 26/24/07/2017



### 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 • MAN 341 Typ E1 • MAN 341 Typ Z2 • MIL-L 2105 • ZF TE-ML 16A • ZF TE-ML 17A • ZF TE-ML 19A • ZF approval number ZF002054

### Technical data

SAE class (gear oils)	85W-90 SAE J306
Density at 15 °C	0,900 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	197 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	17,6 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -12 °C	<150000 mPas DIN 51398
Viscosity at -12°C (Brook-field)	<= 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
Neutralization number	0,8 mg KOH/g DIN 51558 T1
Saponification number	2,0 mg KOH/g DIN 51559 T1

### Technical data

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 GB-F-E-USA-CAN
1 l Can plastic	1954 D-RUS-UA
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
1 l Bulk goods	1026 D-GB

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