

## Hypoid Gear Oil (GL5) SAE 140

### Description

Hypoid Gear Oil (GL5) SAE 140W is a high-performance, high-pressure gear oil manufactured from carefully selected base oils and multifunctional extreme pressure additives. This hypoid gear oil is suitable for axle drives – especially for heavy-duty hypoid transmissions.

### Properties

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

### Specifications / Approvals

API GL5 • MIL-L 2105 D

### Technical data

SAE class (gear oils)	85W-140 SAE J306
Density at 15 °C	0,910 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	375,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	27,7 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -12 °C (Brookfield)	<= 150000 mPas ASTM D 2983-09
Viscosity index	100 DIN ISO 2909
Pour point	-24 °C DIN ISO 3016
Flash point	218 °C DIN ISO 2592
Foaming behavior at 24 °C	0/0 ml ISO 6247
Foaming behavior at 93.5 °C	0/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	0/0 ml ISO 6247
Oxide ash	0,07 g/100g DIN EN ISO 6245
Sulfate ash	0,09 g/100g DIN 51575
Color number (ASTM)	L4,0 DIN ISO 2049
Four-ball tester material load/weld force	4000/4200 N DIN 51350 Teil 4



### Areas of application

For heavy-duty axle drives with hypoid gearing for which an API GL 5 gear oil is specified.

### 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

20 l Canister plastic	1055 D-GB-I-E-P
60 l Black plate barrel	3122 D-GB
205 l Black plate barrel	3387 D-GB

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