

Hypoid Gear Oil (GL5) SAE 140W

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 and 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 ³ DIN 51757
Viscosity at 40 °C	375 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	27,7 mm ² /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
Neutralization number	1,6 mg KOH/g DIN 51558 T1
Saponification number	2,5 mg KOH/g DIN 51559 T1
Oxide ash	0,07 g/100g DIN EN ISO 6245



Technical data

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 Drum sheet metal	3122 D-GB
205 l Drum sheet metal	3387 D-GB

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