

# GEAR OIL UNIVERSAL SAE 80W/90

High-pressure gear oil

## Description

GEAR OILS UNIVERSAL SAE 80W/90 are mineral-oil-based, high-pressure gear oils that contain amounts of efficient high-pressure additives. The formula guarantees a reliable, tear-resistant lubricating film that optimally protects tooth flanks against wear and pitting while rolling and sliding.

## Product features

- optimum protection against wear
- excellent anti-foaming behaviour
- good resistance to ageing
- good viscosity-temperature behaviour
- 80W/140 is ideal for shock loads

## Field of application

GEAR OILS UNIVERSAL SAE 80W/90 are incredibly high-pressure gear oils. They are used wherever high levels of stress occur, such as in hypoid gears of road vehicles, final drive gears, planetary gears, construction machinery, agriculture and industry.

## Notes

Please observe the manufacturer's instructions.

## Specifications

API GL-5, MB-APPROVAL 235.0 -> DTFR 12B100, MIL-L-2105D, ZF TE-ML-17B, ZF TE-ML-19B, ZF TE-ML-21A, ZF TE-ML-07A, ZF TE-ML-08, ZF TE-ML-16B

## Safety & Performance

MB 235.6 -> DTFR 12B130, JCB 4000/0300, JCB 4004/5100, MAN 342 M1, VOITH 132.00374400, VOITH 3.325-339

## Technical Data

Properties	Test according to	Unit	Values
Colour			yellowish-brown
Viscosity			SAE 80W/90
Density at 20 °C		g/cm <sup>3</sup>	0.893
Viscosity at 40°C	DIN 51562-1	mm <sup>2</sup> /s	149.0
Viscosity at 100°C	DIN 51562-1	mm <sup>2</sup> /s	15.5
Viscosity index	DIN ISO 2909		105.0
Flash point	DIN EN ISO 2592	°C	> 200
Pourpoint	ASTM D5950	°C	-36
Brookfield Temperatur	ASTM D2983	°C	-26
Brookfield Viskosität		mPa.s	110,000

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.