



# GEAR OIL UNIVERSAL

## SAE 80W/90 GL-5

High-pressure gear oil. API GL-5.

### 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.

### Advantages

- optimum protection against wear
- excellent anti-foaming behaviour
- good resistance to ageing
- good viscosity-temperature behaviour
- 80W/90 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.

### Specifications

API GL-5; MIL-L-2105D; MAN 342 M1; MB 235.0; ZF TE-ML-07A; ZF TE-ML-08; ZF TE-ML-16B; ZF TE-ML-16C; ZF TE-ML-17B; ZF TE-ML-19B; ZF TE-ML-21A; ZF TE-ML-24A

Safety + Performance

VOLVO 97310 ; VOITH 132.00374.400

### Notes

Please observe the manufacturer's instructions.

### Technical data

Properties	Unit	Test according to	Values
Colour			brown
Density at 20 °C	g/cm <sup>3</sup>	ASTM D4052	0.893
Viscosity at 40 °C	mm <sup>2</sup> /s	DIN 51562-1	150.7
Viscosity at 100 °C	mm <sup>2</sup> /s	DIN 51562-1	15.3
Viscosity index		DIN ISO 2909	102
Pourpoint	°C	ASTM D5950	-30
Flash point C.O.C.	°C	DIN EN ISO 2592	>200
Brookfield	°C / mPa·s	ASTM D 2983	-26 / 107000

European waste code: 13 02 05 / Water hazard class: 1

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.



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