

# MITANOL SAE 80W-90 GL-5

## Hypoid gear oil

### Properties

**MITANOL SAE 80W-90 GL-5** is produced from selected base oils with additives tailored thereto. The EP additives contained in the gear oil form a load-bearing lubricant layer on the tooth flanks, which prevents scuffing wear and considerably reduces abrasion wear even under the highest mechanical load. The gear oil is very stable to ageing even under high thermal stress. The good cold flow properties are due to the high refinement degree of the base oil and the flow improver it contains. The gear oil contains suitable active substances to suppress foaming and the wetted machine parts are protected against corrosive effects.

**MITANOL SAE 80W-90 GL-5** is compatible with the usual sealing materials.

### Application notes

**MITANOL SAE 80W-90 GL-5** is used in transmissions with hypoid and spiral bevel gears for axle drives on motor and commercial vehicles as well as in cardan drives of motorcycles and in motorcycle manual transmissions, if engine oils are not prescribed.

### Service description

#### Specifications:

- API GL-5
- MIL-L-2105 C/D

#### Recommendations\*:

- DAF
- MAN 342 M1, 342 M2
- MB 235.0
- NATO O-226
- SAE J2360
- SCANIA STO 1:0
- Volvo 1273.10
- ZF TE-ML 05A, 07A, 12E, 16C, 17B, 19B, 21A

TYPICAL PARAMETERS	METHODS	UNITS	MITANOL SAE 80W-90 GL-5
Density at 15°C	DIN EN ISO 12185	kg/m <sup>3</sup>	890
Viscosity 40°C	DIN 51 562	mm <sup>2</sup> /s	137
Viscosity 100°C	DIN 51 562	mm <sup>2</sup> /s	14.1
Viscosity index (VI)	DIN ISO 2909	-	100
Pour point	ASTM D 7346	°C	-33
Flash point COC	DIN ISO 2592	°C	212

October 2020

\* meets the requirements of the OEM manufacturer.  
 The stated values may vary within the usual commercial range.