TURMOGEAROIL 100 OM

Date of issue: 05.02.2019

TURMOGEAROIL 100 OM is a gear oil for high loads and extended oil change intervals.

TURMOGEAROIL 100 OM contains a combination of special additives which smoothen the contact surface of gear wheels, even if damages caused by conventional gear oil have already occurred.

TURMOGEAROIL 100 OM meets the CLP requirements of DIN 51517.

Special properties

- High load carrying capacity
- Excellent corrosion protection
- High ageing resistance
- Low foaming tendency
- Not emulsifying
- Neutral to sleeves and most sealing material
- No corrosion of nonferrous metals up to 100°C
- Long oil change intervals, low maintenance costs

Product Characteristics	Value	Dimension	Norm / Standard
Colour	brownish / transparent		
Density at 20°C	0,89	g/cm³	DIN 51757
Operating temperature range	-10 to 100	°C	
Oil type	Mineral oil		
Kinematic viscosity at 40°C	100	mm²/s	DIN EN ISO 3104
Kinematic viscosity at 100°C	11	mm²/s	DIN EN ISO 3104
Viscosity index (VI)	94		DIN ISO 2909
Pour point	≤ -15	°C	DIN ISO 3016
Flash point	> 220	°C	DIN EN ISO 2592

Application

TURMOGEAROIL 100 OM is used for the lubrication of gear drives and bearings with splash or oil circulation as well as for claw couplings, pressure-bearings of roller journals and high loaded joints. The oil is especially suitable for gears and bearings of roller plant frames, calendar, mine-machines, winches and crushing machines and gearboxes in textile machinery e. g. weaving machines.

Note

The most gearbox housings are usually equipped with a protective interior coating. The used coatings are commonly resistant against gear oils based on mineral oil only up to 100°C.
This may cause the coatings to dissolve at temperatures above 100°C and lead to gear damage.
Therefore, the use of **TURMOGEAROIL 100 OM** at higher temperatures needs to be tested on a case-by-case basis.

Packaging units

6 x 5 l canister, 20 l canister, 60 l drum, 200 l drum

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