



# TURMOGEOIL CLP 460 EP



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**TURMOGEOIL CLP 460 EP** is a gear oil for high loads and extended oil change intervals.

**TURMOGEOIL CLP 460 EP** meets the CLP requirements of DIN 51517.

### Special properties

- High load carrying capacity
- Very good 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

Product Characteristics	Value	Dimension	Norm / Standard
Colour	red brown, clear		
Density at 20°C	0,90	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	to 120	°C	
Oil type	Mineral oil		
Kinematic viscosity at 40°C	460	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	31	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	97		DIN ISO 2909
Pour point	≤ -5	°C	DIN ISO 3016
Flash point	> 240	°C	DIN EN ISO 2592

### Application

**TURMOGEOIL CLP 460 EP** 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 **TURMOGEOIL CLP 460 EP** 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



The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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