



## TURMOPOLOIL 680 EP



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**TURMOPOLOIL 680 EP** is a synthetic high performance oil especially for extreme mechanical and thermal requirements.

**TURMOPOLOIL 680 EP** meets the CLP-requirements of DIN 51517.

### Special properties

- High load carrying capacity
- Excellent wear protection
- Long life at high temperatures
- Increased gearbox life
- Extended oil change intervals in comparison to mineral oil
- Low foaming tendency

Product Characteristics	Value	Dimension	Norm / Standard
Colour	yellowish, transparent		
Density at 20°C	1,07	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-25 to 160	°C	
Oil type	polyglycol		
Kinematic viscosity at 40°C	680	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	115	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	270		DIN ISO 2909
Pour point	-35	°C	DIN ISO 3016
Flash point	> 250	°C	DIN EN ISO 2592
Copper corrosion category 24 h / 100°C	1a		DIN EN 2160
FZG Scuffing load stage A/8,3/90	≥ 14		DIN 51354

### Application

Worm gears, worm gear motors, toothed gears under extreme load and shock load, high-load chains in conveyor plants.

### 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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