



## TURMOTEMPOIL 400/04



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**TURMOTEMPOIL 400/04** is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL 400/04** belongs to the thermally and chemically most stable lubricants. It is used successfully, if operating temperatures and chemical influences exclude the use of conventional lubricants.

### Special properties

- High resistance towards oxidation and high temperatures
- High resistance to chemicals
- High load carrying capacity
- Residue-free evaporation
- Non-combustible
- No swelling of plastomers and elastomers

Product Characteristics	Value	Dimension	Norm / Standard
Colour	clear, transparent		
Density at 20°C	1,91	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	to 260	°C	
Kinematic viscosity at 40°C	430	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	40	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	142		DIN ISO 2909
Pour point	-30	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

### Application

**TURMOTEMPOIL 400/04** will be used as lubricant, sealing material as well as dielectric fluid, in the precision mechanic and optical industry, in the electrotechnic industry and in the machine building industry.

Before applying **TURMOTEMPOIL 400/04**, all lubricating points should be cleaned carefully. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

Application-specific operating temperatures of up to 280°C are possible. At operating temperatures above 260°C, aggressive decomposition products (e.g. hydrofluoric acid) can form.

### Packaging units

0,5 l bottle, 1 l bottle, 5 l canister, 10 l canister



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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