



## TURMOTEMPOIL 400/06



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**TURMOTEMPOIL 400/06** is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL 400/06** 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 thermal stability and oxidation resistance
- High resistance to chemicals
- 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	
Oil type	PFPE		
Kinematic viscosity at 40°C	560	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	50	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	147		DIN ISO 2909
Pour point	-10	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

### Application

**TURMOTEMPOIL 400/06** will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry. **TURMOTEMPOIL 400/06** is used as lubricating and sealing agent, as dielectric fluid and heat transferring liquid.

Before applying **TURMOTEMPOIL 400/06**, 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 300°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, 30 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.

LUBRICANT CONSULT GMBH · Gutenbergstrasse 13 · 63477 Maintal (Germany)  
Tel: +49 (0) 6109 / 7650-0 · Fax: +49 (0) 6109 / 7650-51 · E-Mail: [webmaster@lubcon.com](mailto:webmaster@lubcon.com) · Internet: <http://www.lubcon.com>