



# TURMOTEMPOIL 400/05



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**TURMOTEMPOIL 400/05** is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL 400/05** 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.

**TURMOTEMPOIL 400/05** is NSF H1 registered as lubricant for which an incidental contact with food technically cannot be avoided.

### 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	1,92	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	to 260	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	502	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	45	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	143		DIN ISO 2909
Pour point	-21	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

### Application

**TURMOTEMPOIL 400/05** will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry. **TURMOTEMPOIL 400/05** is used as lubricating and sealing agent, as dielectric fluid and heat transferring liquid.

Before applying **TURMOTEMPOIL 400/05**, 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

400 ml spray can, 0,5 l bottle, 1 l bottle, 5 l canister, 10 l canister



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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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