



TURMOTEMPOIL 400/03



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TURMOTEMPOIL 400/03 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL 400/03** 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 ³	DIN 51757
Operating temperature range	to 260	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	370	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	37	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	143		DIN ISO 2909
Pour point	-27	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

Application

TURMOTEMPOIL 400/03 will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry.

TURMOTEMPOIL 400/03 is used as lubricating and sealing agent, as dielectric fluid and heat transferring liquid.

Before applying **TURMOTEMPOIL 400/03**, 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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