



TURMOTEMPOIL 400/01



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TURMOTEMPOIL 400/01 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL 400/01** 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
- High load carrying capacity
- Low pour point
- Residue-free evaporation
- Non-combustible
- No swelling of plastomers and elastomers

Product Characteristics	Value	Dimension	Norm / Standard
Colour	colourless		
Density at 20°C	1,87	g/cm ³	DIN 51757
Operating temperature range	to 160	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	15	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	3,1	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	38		DIN ISO 2909
Pour point	-60	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

Application

TURMOTEMPOIL 400/01 will be used in the precision mechanic industry, optical industry, electrotechnical industry and machine building industry.

Prior to the initial lubrication with **TURMOTEMPOIL 400/01** it is mandatory to clean surfaces thoroughly. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

At operating temperatures above 260°C, aggressive decomposition products (e.g. hydrofluoric acid) can form.

Packaging units

1 l bottles, 5 l bottles



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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