



TURMOTEMPOIL M 17



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TURMOTEMPOIL M 17 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL M 17** 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
- Low pourpoint, not combustible
- Excellent lubricating properties
- No swelling of plastomers and elastomers
- Compatibility with most metals at a wide temperature range

Product Characteristics	Value	Dimension	Norm / Standard
Colour	colourless		
Density at 20°C	1,81	g/cm ³	DIN 51757
Operating temperature range	-80 to 120	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	17	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	5	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	253		DIN ISO 2909
Pour point	-85	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

Application

TURMOTEMPOIL M 17 will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry. **TURMOTEMPOIL M 17** is used as lubricating and sealing agent, as hydraulic liquid and heat transferring liquid.

Before applying **TURMOTEMPOIL M 17**, all lubricating points should be cleaned carefully. 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

100 ml bottles, 500 ml bottles, 1000 ml bottles, 5 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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