



## TURMOTEMPOIL M 80



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**TURMOTEMPOIL M 80** is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL M 80** 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
- Very good high load carrying capacity
- Low evaporation losses
- Low pourpoint, not combustible
- No swelling of plastomers and elastomers
- Excellent lubricating properties

Product Characteristics	Value	Dimension	Norm / Standard
Colour	colourless		
Density at 20°C	1,83	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-70 to 220	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	85,8	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	22	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	284		DIN ISO 2909
Pour point	-75	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

### Application

**TURMOTEMPOIL M 80** will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry. **TURMOTEMPOIL M 80** is used as lubricating and sealing agent, as hydraulic liquid and heat transferring liquid.

Before applying **TURMOTEMPOIL M 80**, 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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