



TURMOTEMPOIL W 270



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TURMOTEMPOIL W 270 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL W 270** 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
- Very good high load carrying capacity
- High resistance to chemicals
- Low evaporation loss
- Low pourpoint, not combustible
- No swelling of plastomers and elastomers

Product Characteristics	Value	Dimension	Norm / Standard
Colour	colourless		
Density at 20°C	1,9	g/cm ³	DIN 51757
Operating temperature range	to 260	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	270	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	40	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	202		DIN ISO 2909
Pour point	-40	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592

Application

TURMOTEMPOIL W 270 will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry. **TURMOTEMPOIL W 270** is used as lubricating and sealing agent, as hydraulic liquid and heat transferring liquid.

Prior to the initial lubrication with **TURMOTEMPOIL W 270** 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 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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