



TURMOTEMPOIL W 100



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TURMOTEMPOIL W 100 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL W 100** 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
- Very good high load carrying capacity
- High resistance to chemicals
- Low evaporation losses
- Low pourpoint, not combustible
- No swelling of plastomers and elastomers

Product Characteristics	Value	Dimension	Norm / Standard
Colour	colourless		
Density at 20°C	1,88	g/cm ³	DIN 51757
Operating temperature range	to 260	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	112	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	24,8	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	255		DIN ISO 2909
Pour point	≤ -60	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592
Evaporation loss after 22 h / 204°C at the air flow	< 2,3	%	ASTM D 2595

Application

TURMOTEMPOIL W 100 will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry. **TURMOTEMPOIL W 100** is used as lubricating and sealing agent, as hydraulic liquid and heat transferring liquid.

Before applying **TURMOTEMPOIL W 100**, 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.

LUBRICANT CONSULT GMBH · Gutenbergstrasse 13 · 63477 Maintal (Germany)
Tel: +49 (0) 6109 / 7650-0 · Fax: +49 (0) 6109 / 7650-51 · E-Mail: webmaster@lubcon.com · Internet: <http://www.lubcon.com>