



TURMOTEMPOIL VAC 22



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TURMOTEMPOIL VAC 22 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL VAC 22** belongs to the themally and chemically most stable lubricants. It is used successfully, if operating temperatures and chemical influences exclude the use of conventional lubricants.

TURMOTEMPOIL VAC 22 is **BAM** tested for the use in fittings or other applications with gaseous oxygen.

The BAM is the Federal Institute of Materials Research and Testing.

BAM-registration: 16023206 I

Oxygen pressure up to max. 60°C = max. 140 bar

Special properties

- High thermal stability and oxidation resistance
- High pressure resistance
- High chemical resistance
- No swelling of plastomers and elastomers
- Non-combustible
- Low evaporation loss
- Low pour point

Product Characteristics	Value	Dimension	Norm / Standard
Colour	clear, transparent		
Density at 20°C	1,89	g/cm ³	DIN 51757
Operating temperature range	to 120	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	24	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	4,3	mm ² /s	DIN EN ISO 3104
Pour point	< -45	°C	DIN ISO 3016

Application

TURMOTEMPOIL VAC 22 is suitable as lubricant, diffusion pump oil and as a dielectric hydraulic fluid. This product is applied in the fine mechanics and optic industries, as well as in the oxygen and vacuum areas.

Prior to the initial application it is mandatory to clean surfaces thoroughly. Optimum lubricating properties can only be fully achieved on clean, greaseless 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



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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