TURMOTEMPOIL 400/02 VAC

TURMOTEMPOIL 400/02 VAC is a special oil based on perfluorinated polyether.
Therefore **TURMOTEMPOIL 400/02 VAC** 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.

TURMOTEMPOIL 400/02 VAC is BAM*-approved for use in fittings and other applications in gaseous oxygen.
*BAM is the abbreviation for the German Federal Institute for Materials Research and Testing.

BAM-reference No.: 2-2775/2013 III
Oxygen pressure up to max. 60°C = max. 130 bar

TURMOTEMPOIL 400/02 VAC is InS H1 registered as lubricant for which an incidental contact with food technically cannot be avoided.

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	1,9	g/cm³	DIN 51757
Operating temperature range	to 200	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	88	mm²/s	DIN EN ISO 3104
Kinematic viscosity at 100°C	11	mm²/s	DIN EN ISO 3104
Viscosity index (VI)	110		DIN ISO 2909
Pour point	-37	°C	DIN ISO 3016

Application

TURMOTEMPOIL 400/02 VAC is suitable as a lubricant, diffusion pumping oil and as a hydraulic liquid. This product is applied in the fine mechanics and optic industries, as well as in the oxygen and vacuum areas.

Before applying **TURMOTEMPOIL 400/02 VAC,** 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

0,5 l bottle, 1 l bottle, 5 l canister, 10 l canister

InS H1
InS Registered
1796743

Kosher

EAC