



TURMOTEMPOIL 400/02 VAC



Date of issue: 28.10.2019

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/cm ³	DIN 51757
Operating temperature range	to 200	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	88	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	11	mm ² /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



1796743



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>