



TURMOTEMP II/400 CL 1

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TURMOTEMP II/400 CL 1 is a white special grease based on perfluorinated polyether oils. These oils are completely saturated and are showing optimum oxidation and thermal stability.

TURMOTEMP II/400 CL 1 is NSF/H1 approved as lubricant for which an incidental contact with food technically cannot be avoided.

Special properties

- High load carrying capacity
- High chemical resistance
- No swelling of plastomers and elastomers
- Long life at high temperatures
- Compatibility with all kind of metals at a wide temperature range
- High vacuum grease down to 10^{-6} mbar

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20°C	1,96	g/cm ³	DIN 51757
Operating temperature range	-30 to 260	°C	
Thickener	PTFE		
Base oil	PFPE		
Kin. viscosity of the base oil at 40°C	500	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	45	mm ² /s	DIN EN ISO 3104
Worked penetration	310 – 340	mm/10	DIN ISO 2137
Consistency class (NLGI)	1		DIN 51818
Dropping point	none	°C	DIN ISO 2176
Resistance to water	0 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	350 000	mm/min	
Four-ball test O.K. load / welded load	8500 / 9000	N	DIN 51350

Application

TURMOTEMP II/400 CL 1 is suitable for a wide range of applications in the food, beverage and pharmaceutical industry, as well as for vacuum technology. Application areas include long term lubricated roller bearings and slide ways, chain reversing wheels, return roller bearings, load rollers in film stretching machines, conveyors, calendars and fans.

Prior to the initial lubrication with **TURMOTEMP II/400 CL 1** it is mandatory to clean surfaces thoroughly with special detergents such as **TURMOTEMPOIL 480**, acetone, isopropyl-alcohol or similar products. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

Packaging units

100 g tube, 190 g tube, 0,5 kg can, 800 g cartridge, 1 kg can, 5 kg bucket



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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>