



## TURMOTEMP II/400 KL

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Date of issue: 18.12.2013

**TURMOTEMP II/400 KL** is a multipurpose grease based on perfluorinated polyether oils. These oils are completely saturated and are showing optimum oxidation and thermal stability.

### Special properties

- High resistance to temperature
- Very good high load carrying capacity
- High resistance to chemicals
- Low evaporation losses
- No swelling of plastomers and elastomers
- Silicone-free

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20 °C	1,9	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-30 to 260	°C	
Thickener	PTFE		
Base oil	PFPE		
Kin. viscosity of the base oil at 40 °C	400	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100 °C	38	mm <sup>2</sup> /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		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)	300 000	mm/min	
Starting /running torque at -20 °C	194 / 106	mNm	ASTM D 1478
Four-ball test O.K. load / welded load	8000 / 8500	N	DIN 51350

### Application

Application areas include long-term lubricated roller-bearings and slide ways. Chain reversing wheels, return roller bearings, load rollers in film stretching machines, conveyors, calenders and fans.

Before application of **TURMOTEMP II/400 KL** clean surfaces thoroughly with special detergents as **TURMOTEMPOIL 480**, acetone, isopropyl-alcohol or similar products. The lubricating properties will be only achieved on clean and dry materials.

### Packaging units

190 g tubes, 800 g cartridges, 1 kg cans, 10 kg hobbock