



TURMOTEMP II/400 KL

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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

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

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20°C	1,95	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	400	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	38	mm ² /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

100 g tubes, 190 g tubes, 800 g cartridges, 1 kg cans, 5 kg bucket, 10 kg bucket, 25 kg hobbock, 50 kg hobbock