



TURMOTEMP II/400 RS 00

G P FK 00 U -30



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TURMOTEMP II/400 RS 00 is a high performance gear lubricant based on perfluorinated polyethers. These oils are completely saturated and are showing optimum oxidation and thermal stability.

Special properties

- High resistance to temperature
- High chemical resistance, non-combustible
- Low evaporation losses
- Very good high load carrying capacity
- No swelling of plastomers and elastomers
- Compatibility with all kind of metals at a wide temperature range

Product Characteristics	Value	Dimension	Norm / Standard
Colour	white		
Density at 20°C	1,89	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	550	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	49,1	mm ² /s	DIN EN ISO 3104
Worked penetration	400 – 430	mm/10	DIN ISO 2137
Consistency class (NLGI)	00		DIN 51818
Dropping point	none	°C	DIN ISO 2176
Resistance to water	0 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Four-ball test O.K. load / welded load	3000 / 3200	N	DIN 51350

Application

For highly loaded gears under extreme conditions such as in the chemical and plastics industry.

Prior to the initial lubrication with **TURMOTEMP II/400 RS 00** it is mandatory to clean surfaces thoroughly with a special detergent 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 tubes, 190 g tubes, 800 g cartridges, 1 kg cans, 5 kg bucket, 10 kg bucket, 25 kg hobbock, 50 kg hobbock

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.

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