



TURMOTEMP M 180

G P FK 0 K -80



Date of issue: 25.07.2018

TURMOTEMP M 180 is a white low-temperature grease based on perfluorinated polyether oils.

Special properties

- Very good low temperature properties
- High load carrying capacity
- High chemical resistance
- High oxidation resistance
- Non-combustible
- 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	1,82	g/cm ³	DIN 51757
Operating temperature range	-80 to 120	°C	
Thickener	PTFE		
Base oil	PFPE		
Kin. viscosity of the base oil at 40°C	18	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	5,2	mm ² /s	DIN EN ISO 3104
Worked penetration	355 – 385	mm/10	DIN ISO 2137
Consistency class (NLGI)	0		DIN 51818
Dropping point	none	°C	DIN ISO 2176
Resistance to water	0 – 90		DIN 51807
Corrosion protection (SKF-Emcors)	0 / 0		DIN 51802

Application

TURMOTEMP M 180 is a grease for gears and plain bearings in the low temperature range.

Before application of **TURMOTEMP M 180** clean surfaces thoroughly with special detergents as **TURMOTEMPOIL 480**, acetone, isopropyl-alcohol or similar products. Optimum lubricating properties can only be fully achieved on clean, greaseless and dry material surfaces.

Packaging units

1 kg can



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>