



# TURMOTEMP M 802 CRY

G P FK 000 T-70



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**TURMOTEMP M 802 CRY** is a white special grease based on perfluorinated polyether oils. These oils are completely saturated and are showing optimum oxidation and thermal stability.

**TURMOTEMP M 802 CRY** is **BAM**-approved for use in fittings and other applications in gaseous oxygen. **BAM** is the abbreviation for the German Federal Institute for Materials Research and Testing.

**BAM-reference No.: 16023206 II**  
Sauerstoffdruck bis max. 60°C = max. 100 bar

## Special properties

- High resistance towards oxidation and high temperatures
- High pressure resistance
- High chemical resistance
- Low evaporation losses
- High vacuum grease down to  $10^{-6}$  mbar
- Low pourpoint, not 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	1,85	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-70 to 220	°C	
Thickener	PTFE		
Base oil	PFPE		
Kin. viscosity of the base oil at 40°C	80	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	21	mm <sup>2</sup> /s	DIN EN ISO 3104
Worked penetration	445 – 475	mm/10	DIN ISO 2137
Consistency class (NLGI)	000		DIN 51818
Resistance to water	0 – 90		DIN 51807
Corrosion protection ( SKF-Emcor)	0 / 0		DIN 51802

## Application

**TURMOTEMP M 802 CRY** is used successfully in gears, if operating temperatures and chemical or physical influences exclude the use of conventional lubricants.

**TURMOTEMP M 802 CRY** is not mixable with other lubricants beside lubricants which are based on PFPE.

Prior to the initial lubrication with **TURMOTEMP M 802 CRY** 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

0,5 kg can, 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.

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