



TURMOGREASE HPN 683

KEP 3 R -40



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TURMOGREASE HPN 683 is a fully synthetic noise tested special grease offering a multitude of application possibilities in industrial plants and in the automotive industry.

Special properties

- Resistant to cold/hot water
- High load carrying capacity
- Very good wear protection
- Excellent corrosion protection
- Suitable for long working life lubrication

Product Characteristics	Value	Dimension	Norm / Standard
Colour	yellowish - beige		
Density at 20°C	0,98	g/cm ³	DIN 51757
Operating temperature range	-40 to 180	°C	
Thickener	Polyurea		
Base oil	Ester		
Kin. viscosity of the base oil at 40°C	70	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	10,7	mm ² /s	DIN EN ISO 3104
Worked penetration	255 - 285	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	1 – 80		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	1 300 000	mm/min	
FE8-Tests B – 7,5/80-30 running time without failure	> 500	h	DIN 51819
FE9-Tests A/1500/6000-180 F10	844	h	DIN 51821
Noise class	II/1		FAG MGG-11
Starting /running torque at -40°C	568 / 79	mNm	ASTM D 1478
Starting /running torque at -30°C	325 / 47	mNm	ASTM D 1478

Application

Rolling and plain bearings in machine building industry (e.g. mixers), rolling and plain bearings in the automotive industry (wheel bearings, tension pulleys, water pump, shifting roads, hinges etc.), rolling and plain bearings in all wet working machines as well as pumps, washing and rinsing machines, spindle bearing lubrication for milling and tool machines.

Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 25 kg hobbock, 180 kg drum

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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