



# SF 04 perma Hochttemperaturfett 160

SF 04 perma HIGH TEMPERATURE GREASE 160 Plain and rolling bearings up to +160 °C

## Description:

**perma Hochttemperaturfett 160** is a special lubricating grease based on mineral oil and polyurea. It has a wide service temperature range and is suitable for plain and rolling bearings up to a service temperature of 160 °C.

**perma Hochttemperaturfett 160** ensures excellent wear protection, and its EP additives provide a high pressure absorption capacity. It is very adhesive and resistant to water under static and dynamic loads. It is particularly resistant to oxidation and ageing, and reliably protects against corrosion.

## Application:

### **perma Hochttemperaturfett 160**

is suitable for rolling bearings subject to high temperatures, vibrations, shock loads and/or aggressive liquids or active detergents. It has proven effective in electric motors, pumps and fans. This grease is also suitable for plain bearings operating under mixed friction conditions. Its high efficiency under extreme conditions makes it a multi-purpose grease for the iron and steel industry, base materials and construction industries (cement, lime, gypsum).

## Application notes:

**perma Hochttemperaturfett 160** is a lubricant especially developed for the *perma* lubricant dispenser. To ensure adequate metering and maintenance-free lubrication, this product is only available in an automatic *perma* lubricant dispenser which can be obtained from:

perma-tec GmbH & Co.  
Postfach 62  
D-97715 Euerdorf  
Phone: 09704/609-0  
Fax: 09704/60950

## SF 04 perma Hochttemperaturfett 160

- Multi-purpose grease for extreme requirements
- Efficient at high temperatures, vibrations, shocks
- Resistant to oxidation and ageing
- Good wear protection
- Good anticorrosion properties
- High pressure absorption capacity
- Resistant to aggressive media
- Good sealing effect

Product data	
Base oil	Min. oil / polyurea
Colour	light brown
Service temperature range, °C	-20 to 160
Drop point, DIN ISO 2176, °C	> 240
Worked penetration, DIN ISO 2137 at 25 °C, 0.1 mm	340 to 370
Consistency, NLGI grade, DIN 51818	0/1
Density, DIN 51757, at 20 °C, g/cm <sup>3</sup> , approx.	0.9
Flow pressure, DIN 51805, at -20 °C, mbar	< 1400
Water resistance, DIN 51807, 3 h / 90 °C, rating	0/1 - 90
Corrosion protection, DIN 51802, Emcor test (1 week, dist. water), corrosion rating	1/1
DIN	K1S-20

## Pack sizes:

- Automatic *perma* lubricant dispenser
- 400 g cartridges on request (for pre-lubrication with manual grease gun)