

SF 05 perma Hochtemperatur-/Hoch-druckfett

SF 05 perma HIGH TEMPERATURE-EXTREME PRESSURE GREASE Plain and rolling bearings

Description:

perma Hochtemperatur-/Hoch-druckfett is a special lubricating grease based on mineral oil, polyurea and MoS₂. It has a wide service temperature range and is suitable for plain and rolling bearings up to a service temperature of 160 °C.

perma Hochtemperatur-/Hoch-druckfett 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, to oxidation and ageing. The solid lubricant particles (MoS₂) provide additional safety due to their emergency lubrication properties.

Application:

perma Hochtemperatur-/Hoch-druckfett 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 and for steel/steel components. Under mixed friction conditions it reduces friction and temperatures. 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 Hochtemperatur-/Hoch-druckfett 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 05 perma Hochtemperatur-

/Hoch-druckfett 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
- Good emergency lubrication properties due to solid lubricant particles

Product data	
Base oil	Min. oil / polyurea / MoS ₂
Colour	black
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 ³ , approx.	0.91
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	KPF1S-20

Pack sizes:

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