

SF04 perma high performance grease

Roller and plain bearings up to 160°C

Description

perma SF04 is a special lubricating grease based on mineral oil + PAO / 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 SF04 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 SF04 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 information

perma SF04 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.

Shelf life

Shelf life is approx. 12 months if the product is stored in its unopened original container in a dry and frost-protected place.

Packaging

- perma lubrication systems
- 400g cartridges on request (for pre-lubrication with manual grease gun)

Sourcing reference

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perma SF04

- 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	mineral oil + PAO
Thickener	polyurea
Base oil viscosity, DIN 51562, at 40°C, mm ² /s	500
Colour	Light brown
Density, DIN 51757, at 20°C, g/cm ³ , approx.	0,9
Drop point, DIN ISO 2176, °C	> 240
Worked penetration at 25°C, DIN ISO 2137; 0.1 mm, approx.	340 - 370
Speed factor, (n x d _m), approx.	2,0 x 10 ⁵
Consistency, NLGI grade, DIN 51818	0/1
Service temperature range, °C	- 20 to 160
Flow pressure, DIN 51805, at - 20°C, mbar	< 1400
Water resistance, DIN 51807, 3 h / 90°C, rating	1 - 90
Corrosion protection, DIN 51802, Emcor test (1 week, dist. water), corrosion rating	1