

SF01 perma multipurpose grease

Roller bearings, sliding bearings, sliding guides and shaft seals

Description

perma SF01 is a modern multipurpose grease based on proven mineral oils and additives. The mixed soap base lithium calcium combines the positive characteristics of both soap bases. perma SF01 is water and oxidation resistant and provides effective protection against wear and corrosion. It is especially suited for the lubrication of machine elements with intense vibration.

perma SF01

- High performance multipurpose grease
- Wear-reducing EP additives
- Protection against aging and oxidation
- Cold-, hot-, and sea water resistant
- Excellent corrosion protection
- Excellent sealing
- Free of heavy metal and silicone

Application

perma SF01 is a multipurpose grease for the lubrication of roller- and sliding bearings, sliding guides and shaft seals on machines and other equipment. Industry examples: beverage, mining, automotive, wood, paper and printing, raw material and building industry as well as car wash systems and waste water treatment plants.

Application information

perma SF01 was especially developed for perma lubrication systems. It can be ordered from perma-tec in a perma lubrication system.

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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Product data

Base oil	mineral oil
Thickener	Li/Ca
Base oil viscosity, DIN 51562, at 40°C, mm ² /s	220
at 100°C, mm ² /s	6,5
Color	brown (light)
Density, DIN 51757, at 20°C, g/cm ³ , approx.	0,93
Drop point, DIN ISO 2176, °C	> 170
Penetration at 25°C, DIN ISO 2137; 0,1mm approx.	265 - 295
Speed factor, (rpm x d _m), approx.	3,5 x 10 ⁵
Consistency, NLGI grade, DIN 51818	2
Service temperature range, °C	- 30 to 130
Water resistance, DIN 51807-1	0 - 90
Marking, DIN	KP2K-30
VKA-Test, N, DIN 51350	< 2600
FAG FE 9 A/1500/6000/130, h, DIN 51821-2	150
FAG FE 8 (Tapered Roller Bearing) abrasion at 7,5 U/min, 50KN, 60°C mw 50, mg, DIN 51819-2	<1
FAG FE 8 (Angular Contact Ball Bearing) abrasion at 7,5 U/min, 80KN, 120°C mw 50, mg, DIN 51819-2	<1