

## SF03 perma high temperature grease

High temperature grease for rolling, sliding bearings and guides

### Description

perma SF03 is a synthetic high-temperature grease with a operating temperature range of -20 to 220 °C. In highly loaded roller bearings a permanent operating temperature of 180 °C should not be exceeded.

perma SF03 is characterized by:

- Good oil retention
- High drop point
- Good wear and corrosion protection
- Good resistance to water

### perma SF03

- Good oil retention
- High thermal stability in operating temperature range
- Good resistance to water
- Good corrosion protection
- Can be removed by using an organic solvent
- High drop point

### Application

perma SF03 can be used for the lubrication of roller- and sliding bearings and guides, subject to high temperatures. It is used in:

- Calenders
- curing ovens
- conveyor systems
- baking ovens

### Packaging

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

### Sourcing reference

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### Application information

perma SF03 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.

perma SF03 can be used in rolling bearings without having to remove the anticorrosion film first.

### 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.

### Product data

Base oil	Ester + PFPE
Thickener	PHS + PTFE (4%)
Base oil viscosity, DIN 51562, at 40 °C, mm <sup>2</sup> /s, approx.	420
at 100 °C, mm <sup>2</sup> /s, approx.	34
Color	Beige
Density, DIN 51757, at 20 °C, g/cm <sup>3</sup> , approx.	1,3
Drop point, DIN ISO 2176, °C	≥ 250
Speed factor, (n x d <sub>m</sub> ), approx.	3,0 x 10 <sup>5</sup>
Consistency, NLGI grade, DIN 51818	2
Service temperature range, °C	-20 to 220
Corrosion protection, DIN 51802	≤1