

perma TEMP PU-P SYN 420-2 (SF03)

Previous name: perma High temp. grease SF03

ROLLING AND PLAIN BEARINGS UP TO +220 °C

perma TEMP PU-P SYN 420-2 (SF03) is a special grease for rolling and plain bearings based on synthetic oil and polyurea. The lubricant film provides excellent thermal stability and is resistant to water. This high-temperature grease is resistant to ageing and oxidation. perma TEMP PU-P SYN 420-2 (SF03) is suitable up to +220 °C and provides maximum operational reliability.

Advantages



GOOD OIL RETENTION



HIGH THERMAL STABILITY IN OPERATING TEMPERATURE RANGE



GOOD RESISTANCE TO WATER



GOOD CORROSION PROTECTIO



CAN BE REMOVED BY USING AN ORGANIC SOLVENT



HIGH DROP POINT

Application

perma TEMP PU-P SYN 420-2 (SF03) has been developed for the lubrication of plain and rolling bearings subject to high temperatures. It is used in: fans and motors in drying installations, return rollers in drying, spray painting and heat setting installations, curing ovens, conveyor systems, automatic baking ovens.

APPLICATION INFORMATION

perma TEMP PU-P SYN 420-2 (SF03) is a lubricant especially developed for perma lubrication systems. To ensure adequate metering and maintenance-free lubrication, this product is only available in 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
- Cartridge 400 g
- Pail 1 kg
- Pail 5 kg

Product data

Base oil	Ester + PFPE
Thickener	Polyurea + PTFE
Base oil viscosity, DIN 51562, at 40 °C, mm ² /s	420
Color	Beige
Density, DIN 51757, at 20 °C, g/cm ³ , approx.	1.3
Drop point, DIN ISO 2176, °C	> 250
Penetration at 25 °C, DIN ISO 2137; 0,1mm approx.	265 - 295
Speed factor, (n x dm), approx.	300,000 mm/min
Consistency, NLGI grade, DIN 51818	2
Service temperature range, °C	- 20 to 220
Water resistance, DIN 51807-1	0/1 - 90



Roller bearings



Sliding bearings