

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 PROTECTION



**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