



## perma Food grade grease H1 SF10

Lubricating grease for the food and pharmaceutical processing industry

### Advantages for your applications

- Synthetic
- Good stability when working at low temperature allowing the grease to still provide good wear protection
- Can be used in automatic lubrication system
- Good water resistance
- High ageing and oxidation stability
- Good corrosion protection
- NSF-H1 registration



### Description

perma Food grade grease H1 SF10 was especially developed for the food processing and pharmaceutical industry. This lubricant fulfills the requirements of food products and associated ancillaries and complies with the "guidelines of sec. 21 CFR 178.3570 of FDA regulations". It has been authorized by the NSF for use in federally inspected meat and poultry plants (NSF-H1).

perma Food grade grease H1 SF10 shows good anti-wear properties, water resistance and corrosion protection as well as a high ageing and oxidation stability.

### Application

Used for machines and equipment in the food-processing and pharmaceutical industry, particularly for lubrication points that may have incidental and technically unavoidable contact with the food product. However, we recommend using perma Food grade grease H1 SF10 at all lubrication points, in order to avoid problems due to lubricant contamination.

This special grease lubricates rolling and sliding bearings, lifting cylinders, joints, guide bars, cams, etc.

### Application information

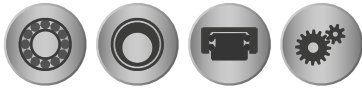
Before substituting other greases with perma Food grade grease H1 SF10, the bearings have to be cleaned and greased. If the greases are miscible, the grease can be exchanged by means of relubrication.

### 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



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### Product data

Base oil	PAO
Thickener	aluminium-complex
Base oil viscosity, DIN 51652, at 40 °C, mm <sup>2</sup> /s	150
Lower service temperature	-45 °C / -49 °F
Upper service temperature	120 °C / 248 °F
Speed factor (n x dm)	approx. 500 000 mm/min
NLGI grade, DIN 51818	1
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	340 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	310 x 0.1 mm
Flow pressure of lubricating greases, DIN 51805, test temperature: -45 °C	<= 1 400 mbar
Density at 20 °C	approx. 0.89 g/cm <sup>3</sup>
Drop point, DIN ISO 2176	>= 250 °C
Texture	homogeneous
Colour space	beige