

SYN-setral-INT/250 FD-2	Nr. 030397
H1 high-temperature grease for long-term lubrication in the food and pharmaceutical industry, particularly at high temperatures and aggressive ambience	Packaging: 800g cartridge 800g Lube-Shuttle cartridge 1kg tin 5kg pails 25kg hobbock other packaging on request

Application

For long-term or life-time lubrication of rolling and plain bearings and all sliding pairs susceptible to wear under extreme conditions, especially in food and pharmaceutical industries. Typical applications: baking ovens, baking lines, guide pulleys of conveyor chains, kiln cars, calenders and other applications e.g. in dairies and beverage filling.

Characteristics

- H1 registered
- Kosher certified
- Halal certified
- High load carrying ability
- Free from animal ingredients
- Free from allergens
- Excellent wear properties
- Extended relubrication cycles
- Resistant against chemicals and aggressive media
- Resistant to oxidation and ageing
- Economical in consumption

Method of use

- For ideal lubrication we recommend to clean the surfaces with CLEAN-setral-AN/U and following with CLEAN-setral-INT/648 before the first application.
- All surfaces for lubrication definitely have to be metallic bright and may not have any residues of oil, grease, hand perspiration, dirt particles etc. before the first application.
- Apart from that the instructions of the bearing manufacturer are valid.
- Factory-provided corrosion protection has to be removed prior to greasing.
- Do not mix with other greases.
- Please consider the density of approx. 1,9 g/cm³.
- The minimum shelf life in original sealed containers, stored in a cool and dry place (no direct sunlight) is about 5 years.
- Due to the variety of applications we highly recommend to always carry out corresponding tests prior to general use.

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Technical data

NSF Registration-No.	125442		
Colour	white		DIN ISO 2049
Basis	PFPE		
Thickener	PTFE		
Density, 20°C	≈ 1.9	g/cm ³	in house
Base oil viscosity at 40°C	500	mm ² /s	DIN 51562
Base oil viscosity at 100°C	≈ 47	mm ² /s	
Consistency class	2	NLGI grade	DIN 51818
Consistency	265 – 295	1/10 mm	DIN 51818
Drop point	without	°C	ISO 2176
Four ball weld load	≈ 8000	N	DIN 51350-4
wear test 150kg/1min	0.9	mm	DIN 51350
Flow pressure at -30°C (Kesternich)	600	hPa	DIN 51805
Flow pressure at -40°C (Kesternich)	1550	hPa	DIN 51805
nd _m factor	250000	mm/min	
Temperature range	- 40 – + 260	°C	
Short term max. temperature	+ 280	°C	

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