

SYN-setral-INT/250 A-1	Nr. 030319
Fully synthetic special grease for long-term lubrication, stable at high temperature and aggressive ambience.	Packaging: 800g cartridge 1kg tin 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. Typical applications: Circle conveyors, paint lines, fans, kiln cars, calendars, film stretching machines, extraction plants of textile machines. Excellently suited for lubrication of plastic/plastic and plastic/metal surfaces (automotive).

Characteristics

- High load carrying ability
- Excellent wear properties
- Extended relubrication cycles
- Extremely low evaporation rate
- Resistant against chemicals and aggressive media
- Neutral to most plastics and elastomers
- Silicone-free
- 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

Colour	white		DIN ISO 2049
Base oil	PFPE		
Thickener	PTFE		
Density, 20°C	≈ 1.9	g/cm ³	in house
Base oil viscosity at 40°C	510	mm ² /s	DIN 51562
Consistency class	1	NLGI grade	DIN 51818
Penetration, worked 60 strokes	310 – 340	1/10 mm	DIN ISO 2137
Drop point	without	°C	ISO 2176
Flow pressure at -40°C (Kesternich)	1350	hPa	DIN 51805
nd _m factor deep groove ball b.	250000	mm/min	
nd _m factor taper ball bearing	150000	mm/min	
Temperature range	- 40 – + 250	°C	
Short term max. temperature	+ 280	°C	

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