

<b>SYN-setral-INT/250 A-2</b>	Nr. 0315
Synthetic special grease for long-term lubrication, stable at high temperatures and aggressive atmosphere.	Packaging: 800g 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. 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/cm<sup>3</sup>.
- The minimum shelf life in original sealed containers, stored in a cool and dry place (no direct sunlight) is about 5 years.

Setral Chemie GmbH  
 Salzsteinstrasse 4  
 D-82402 Seeshaupt  
 Telefon: +49 (0) 88 01 97 10  
 Telefax: +49 (0) 88 01 97 30  
 Email: info@setral.net

Sétral S.á.r.l.  
 13, rue Tannmuhle  
 F-67310 Romanswiller  
 Téléphone: +33 (0) 3 88 59 11 59  
 Télécopie: +33 (0) 3 88 59 11 57  
 Email: france@setral.net

The information in this bulletin is, to our knowledge, true and accurate, but all recommendations are without guarantee, since the conditions of use are beyond our control. Setral disclaims any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

**Technical data**

Colour	white		DIN ISO 2049
Base oil	PFPE		
Thickener	PTFE		
Density 20°C	≈ 1.9	g/cm <sup>3</sup>	in house
Base oil viscosity at 40°C	≈ 510	mm <sup>2</sup> /s	DIN 51562
Consistency class	2	NLGI grade	DIN 51818
Penetration, worked 60 strokes	265 - 295	mm <sup>-1</sup>	DIN ISO 2137
Drop point	without	°C	ISO 2176
Four ball ok-load	> 7000	N	DIN 51350-4
Flow pressure at -30°C (Kesternich)	600	hPa	DIN 51805
Flow pressure at -40°C (Kesternich)	1550	hPa	DIN 51805
Dielectric breakdown voltage	22	kV/2,5mm	DIN 60165
nD <sub>m</sub> -factor deep groove ball b.	250000		
nD <sub>m</sub> -factor taper ball bearing	150000		
Temperature range	- 40 - + 250	°C	
Short term max. temperature	+ 280	°C	

Setral Chemie GmbH  
 Salzsteinstrasse 4  
 D-82402 Seeshaupt  
 Telefon: +49 (0) 88 01 97 10  
 Telefax: +49 (0) 88 01 97 30  
 Email: [info@setral.net](mailto:info@setral.net)

Sétral S.á.r.l.  
 13, rue Tannmuhle  
 F-67310 Romanswiller  
 Téléphone: +33 (0) 3 88 59 11 59  
 Télécopie: +33 (0) 3 88 59 11 57  
 Email: [france@setral.net](mailto:france@setral.net)

The information in this bulletin is, to our knowledge, true and accurate, but all recommendations are without guarantee, since the conditions of use are beyond our control. Setral disclaims any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.