

<b>SYN-setral-PU 460</b>	Nr. 030366
Fully synthetic polyurea grease for a wide temperature range.	Packaging: 10 x 400g cartridges 10 x 1kg tins 10kg bucket 25kg hobbock 180kg drum other packaging on request

### Application

Especially developed for the lubrication of sliding and rolling bearings working under severe conditions like high temperatures, water, high loads and low to medium speed. Typical applications: sliding and rolling bearings in the machine and plant manufacturing, heated calenders and rotary dryer bearings, electric motors, fans, conveyors, painting lines, dryers, continuous castings etc. Approved for the lubrication of roller storings in continuous wood presses. Especially suited for ball bearings, not so good for roller bearings.

### Characteristics

- Good corrosion protection
- High thermal stability
- Good water resistance
- Excellent load carrying ability
- Very high oxidation stability
- Extended relubrication cycles
- Good shear stability
- Silicone-free

### Method of use

- As usual with greases.
- Follow the instructions of the bearing manufacturer.
- The minimum shelf life in original sealed containers, stored in a cool and dry place (no direct sunlight) is about 3 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	light beige		DIN ISO 2049
Basis	Mixture of synthetic oils		
Thickener	Polyurea		
Solid lubricant	PTFE		
Base oil viscosity at 40°C	460	mm <sup>2</sup> /s	DIN 51562
Base oil viscosity at 100°C	44	mm <sup>2</sup> /s	
Viscosity index	> 150		DIN ISO 2909
Consistency class	1 - 2	NLGI grade	DIN 51818
Drop point	> 240	°C	ISO 2176
Copper corrosion	1 - 120	rating	DIN 51811
Steel corrosion (EMCOR) dist. Water	0/0	rating	ISO 11007
Four ball weld load	2800	N	DIN 51350-4
nd <sub>m</sub> factor deep groove ball b.	250 000	mm/min	
nd <sub>m</sub> factor taper ball bearing	100 000	mm/min	
Temperature range	- 30 - + 180	°C	
Short term max. temperature	+ 200	°C	

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