

SYN-setral-PU 2	Nr. 0310
Synthetic low and high-temperature grease for long-term lubrication.	Packaging: 10 x 400g cartridges 10 x 1kg tins 5kg pails 25kg hobbock 180kg drum other packaging on request

Application

Rolling and plain bearings over a wide temperature range and in unfavorable conditions (like water or steam). Typical applications: Fans, appliances, air conditions, wet machining, road construction machines and office machines, generators and textile machines. Ideal as rolling bearing grease with low noise development (e.g. electric motors). Especially suited for ball bearings, not so good for roller bearings.

Characteristics

- Reduces wear and tear
- Good water resistance
- Wide application range
- Excellent corrosion protection
- Excellent oxidation stability
- High nDm-factor
- Low starting resistance
- Considerable extension of the re-lubrication cycles
- Outstanding emergency running characteristics

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 2 years.

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Technical data

Colour	light yellow		DIN ISO 2049
Basis	synthetic		
Thickener	Polyurea		
Density 20°C	0.845	g/cm ³	in house
Base oil viscosity at 40°C	100	mm ² /s	DIN 51562
Base oil viscosity at 100°C	15	mm ² /s	
Viscosity index	160		DIN ISO 2909
Consistency class	2	NLGI grade	DIN 51818
Drop point	≈ 250	°C	ISO 2176
Copper corrosion	1-120	rating	DIN 51811
Steel corrosion (EMCOR) dist. Water	0/0	rating	ISO 11007
Four ball weld load	3000	N	DIN 51350-4
nD _m -factor deep groove ball b.	600000		
nD _m -factor taper ball bearing	250000		
Temperature range	- 40 - + 180	°C	

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