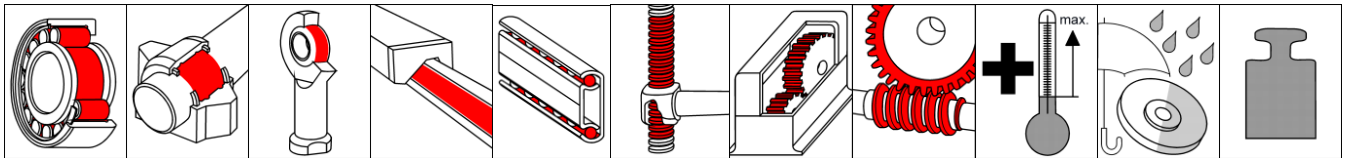


OKS 424 Synthetic High-Temperature Grease



Description

Synthetic grease for bearing points subject to extremely high temperatures and corrosive environmental influences.

Applications

- Lubrication of rolling and friction bearings subjected to high temperatures, corrosive environmental influences
- Lubrication of bearing points at furnace, cooling-bed and conveyor systems, motors and hot-air fans that are subjected to temperature stress
- Suitable for lubricating exhaust-gas fans

Advantages and benefits

- Reduces wear and friction
- Good corrosion protection
- Excellent temperature resistance
- When operating temperature is exceeded, forms only minimal residues
- Good plastic and elastomer compatibility
- Good resistance against water influence and aggressive environmental influences

Main fields of application

- Mechanical engineering
- Steel industry
- Steelworks and rolling mills

Application tips

For optimum effect, carefully clean the lubricating point, for example with OKS 2610 / OKS 2611 universal cleaner. Before filling for first time, remove anti-corrosion agent. Fill the bearing such that all functional surfaces are certain of being greased. Fill normal bearings up to about 1/3 of the free space inside the bearing. Low-speed bearings (DN value < 50,000) and their housings should be filled completely. The bearing and machine manufacturer's instructions should be observed. Subsequent lubrication at the lubrication nipples by grease gun or by automatic lubrication system. Assess the lubrication frequency and quantity on basis of service conditions. If old grease cannot be removed, restrict the quantity of grease so as to avoid overlubricating the bearing. If lubrication frequencies tend to be low, you should aim for a full grease change. Only mix with suitable lubricants.

Our customer advice service will be pleased to help should you have any further questions.



OKS 424

Synthetic High-Temperature Grease

Technical data

	Standard	Conditions	Unit	Value
Marking	DIN 51 502	DIN 51 825		KHC1-2S-30
Base oil				
Type				Polyalphaolefine
Viscosity	DIN 51 562-1	40°C 100°C	mm ² /s mm ² /s	400 39
Pour point	DIN ISO 3016		°C	< -35
Thickener				
Type				Polycarbamide
Consistency	DIN 51 818	DIN ISO 2137	NLGI grade	1 - 2
Worked penetration	DIN ISO 2137	60 cycles	0.1 mm	290 - 310
Penetration drop	DIN ISO 2137	100,000 cycles		max. 40
Drop point	DIN ISO 2176		°C	> 240
Application-specific data				
Density	DIN EN ISO 3838	20°C	g/cm ³	0.95
Colour				Cream-coloured
Operating temperatures				
Lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-30
Upper operating temperature			°C	200
Maximal operating temperature			°C	230
DN factor			mm/min	350,000
Water resistance	DIN 51 807-1	90°C	Degree 0 - 3	0
Corrosion protection tests				
SKF-EMCOR	DIN 51 802		Corr. degree 0 - 5	0 and 1
Wear protection tests				
Four-ball test rig welding load	DIN 51 350-4		N	1,800

Packaging

- 400 ml cartridge
- 1 kg tin
- 5 kg hobbock
- 25 kg hobbock
- 180 kg drum

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