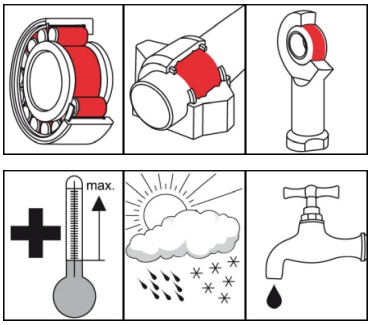


PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 4200

MoS_2 High-Temperature Bearing Grease, synthetic



Description

OKS 4200 is a high-temperature grease with MoS_2 for long-term lubrication of rolling and friction bearings.

Applications

- Grease lubrication of plain and rolling bearings in high-temperature range, where a mineral oil based grease cannot be used, e.g. on hot-air blowers and fans, autoclaves, drying ovens or systems in steelworks and foundries

Branches

- Glass and foundry industry
- Iron and steel industry
- Rail vehicle technology
- Shipbuilding and marine technology
- Chemical industry
- Logistics
- Municipal services
- Paper and packaging industry
- Rubber and plastic processing
- Plant and machine (tool) engineering

Advantages and benefits

- Drip-free hot bearing grease for a broad temperature range with high oxidations stability and moisture resistance
- Excellently suited for long-term lubrication of grease lubricating points subject to high-temperature loading
- Highly effective due to optimum high-performance formula
- Broad range of uses outside normal grease performance areas

Application tips

For best results clean the lubricating point carefully. Clean with solvents like OKS2610/OKS 2611 Universal Cleaner. Remove the corrosion protection ahead of the initial filling. Fill the bearings in a way that all the functional surfaces for sure get the grease. Slow moving bearings(DN-value < 50,000) should be filled completely, normal moving bearings should be filled to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Only mix with appropriate lubricants.

Packaging

- 400 ml Cartridge
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock
- 180 kg Drum

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				special mineral oil
base oil				polyalphaolefine
thickener				bentonite
solid lubricants				MoS_2
Application related technical data				
marking	DIN 51 502	DIN 51 825		KHCF2R-10
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	220
flashing point	DIN ISO 2592	> 79	°C	> 200
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-10
upper operating temperature	DIN 51 821-2	F50 (A/1500/600), 100h	°C	180
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm^3	0.93
water resistance	DIN 51 807-1	90°C	Degree	1-90
DN value (dm x n)			mm/min	400,000
four-ball test rig welding load	DIN 51 350-4		N	2,600
four-ball test rig wear	DIN 51 350-5		mm	0.7
SKF-EMCOR	DIN 51 802		corr. degree	0-0

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