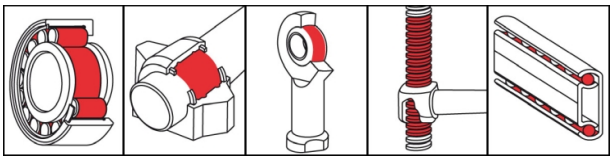
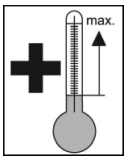
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 418

MoS_2 High-Temperature Grease





Description

OKS 418 is an economic hot bearing grease for lubrication of friction and rolling bearings at higher temperatures.

Applications

- Grease lubrication of plain and rolling bearings at high temperatures, e.g. in painting and drying ovens, converters, pouring ladles, heating systems, hot-air fans, charging cranes, vulcanising systems and electric motors

Branches

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

Advantages and benefits

- Excellently suited for long-term lubrication of grease lubricating points subject to high-temperature loading
- Highly effective due to optimum solid lubricant formula
- Broad range of uses above normal grease performance areas
- Reduced maintenance and lubricant costs due to possible safety lubrication
- Drip-free hot bearing grease for long-term and safety lubrication in a broad temperature range

Application tips

For best results clean the lubricating point carefully. Clean with solvents like OKS 2610/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

- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				silicate
solid lubricants				MoS_2
Application related technical data				
marking	analogue to DIN 51 502			KPF2N-20
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	220
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60 double strokes	0.1 mm	265-295
lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-25
upper operating temperature	DIN 51 821-2	F50 (A/1500/600), 100h	°C	150
colour				black
density	DIN 51 757	at 20°C	g/cm^3	0.93
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
DN value (dm x n)			mm/min	400,000

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