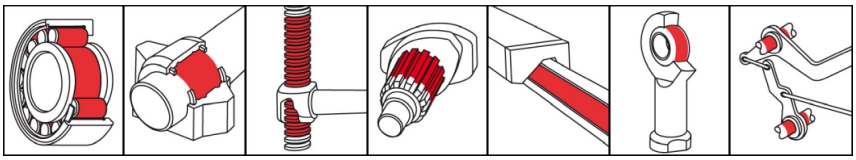
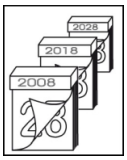
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 400

MoS_2 Multipurpose High-Performance Grease





Description

OKS 400 is a multipurpose high-performance grease with MoS_2 for universal use.

Applications

- Lubrication of parts subject to high levels of stress such as plain, roller and rod-end bearings, spindles and guideways

Branches

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

Advantages and benefits

- Highly suitable for high-stressed lubrication points
- Highly effective caused by optimal combination of components
- Saving of maintenance and lubrication costs by reducing downtimes and corrective maintenance
- Reduction of down times due to wear

Application tips

For highest effectiveness, carefully clean the lubrication point, for example with OKS 2610 or OKS 2611 universal cleaner. Before filling for first time, remove anticorrosion agent. Fill 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 below 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.

Packaging

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

PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 400

MoS_2 Multipurpose High-Performance Grease

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				lithium soap
solid lubricants				MoS_2
additives				EP additives
Application related technical data				
marking	DIN 51 502	DIN 51 825		KPF2K-30
Viscosity base oil	DIN 51 562-1	at 40°C	mm²/s	100
Viscosity base oil	DIN 51 562-1	at 100°C	mm²/s	11
drop point	DIN ISO 2176		°C	approx. 180
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	-30
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100h	°C	120
colour				black
density		at 20°C	g/cm³	0.9
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
DN value (dm x n)			mm/min	300,000
four-ball test rig welding load	DIN 51 350-4		N	3,600
SKF-EMCOR	DIN 51 802	7 days, distilled water	corr. degree	1

Klüber Lubrication München GmbH & Co. KG
Geisenhausenerstraße 7 / 81379 München / Germany / phone +49 89 7876-0