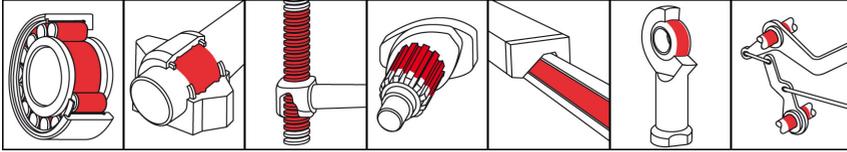


OKS 400 MoS₂ Multipurpose High-Performance Grease



Description

OKS 400 is a multipurpose high-performance grease with MoS₂ 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

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

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 | ▪ 1 kg Can | ▪ 25 kg Hobbock |
| ▪ 400 ml Cartridge | ▪ 5 kg Hobbock | ▪ 180 kg Drum |



OKS 400

MoS₂ 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 at (40°C)	DIN 51 562-1	base oil	mm ² /s	100
viscosity at (100°C)	DIN 51 562-1	base oil	mm ² /s	11
flashing point				220
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
penetration drop			0.1 mm	< 30
lower operating temperature	DIN 51 805	≤ 1400hPa	°C	-30
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100h	°C	120
colour				black
density (at 20°C)			g/cm ³	0,90
water resistance	DIN 51 807-1	90°C	Degree 0-3	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

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 Phone: +49 (0) 8142 3051 - 500
 info@oks-germany.com
 www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark
Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com. Our Customer and Technical service will be pleased to help should you have any further questions.