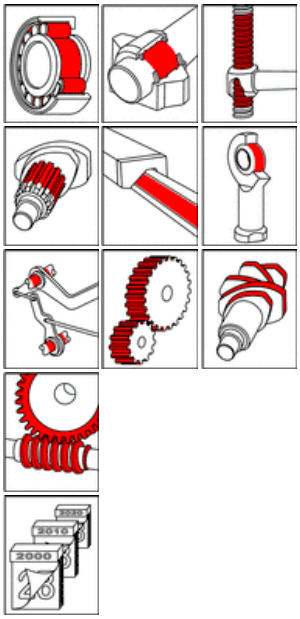
OKS 400 - Product Information

OKS 400
MoS_2-Multipurpose High Performance Grease



Fields of Application:

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

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:

For highest effectiveness, carefully clean the lubrication point, for example with OKS 2610 or OKS 2611 universal cleaner. Before filling for first time, remove anti-corrosion 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. Our customer advice service will be pleased to help should you have any further questions.

Additional Information:

Packaging (Article number):
- 100 g Tube (00400012)
- 400 g cartridge (00400019)
- 1 kg Tin (00400034)
- 5 kg Hobbock (00400050)
- 25 kg Hobbock (00400062)
- 180 kg Drum (00400070)

Version
E-04.1/05

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Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KPF2K-30
Base Oil				
Type				mineral oil
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm²/s mm²/s	100 9
Flash point	DIN ISO 2592	> 79	°C	220
Thickener				
Type				lithium-calcium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI class	2
Worked penetration	DIN ISO 2137	60 double strokes	0,1 mm	265 - 295
Penetration drop	DIN ISO 2137	5.000 double strokes	0,1 mm	< 30
Drop point	DIN ISO 2176		°C	approx. 180
Additives				
Solid lubricants, type				MoS_2
Additives				EP
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	0,93
Colour				black
Services Temperatures				
Minimum services temperature	DIN 51 805	< 1.400 hPa	°C	-30
Maximum services temperature	DIN 51 821-2	F_{50} (A/1500/600), 100h	°C	120
DN value			mm min	350.000
Water resistance	DIN 51 807-1	+90°C	grade 1-3	1 - 90
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802		corr.-grade 1-5	0 und 0
Mechanical/Dynamic Test				
SKF-R2F, running test A	DIN 51 806	2500 min-1, 20 d, °C		passed
SKF-R2F	DIN 51 806	1500 min-1, 20 d, 120°C		passed
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	3.600
Timken	SEB 181 302	43 lbs	mg	< 5