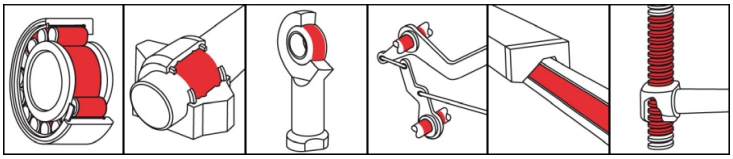
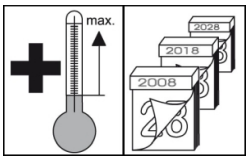
a product brand of KLÜBER LUBRICATION

OKS 404
High-Performance and High-Temperature Grease





Description

Semi-synthetic lithium complex soap grease with a wide range of applications in a wide range of temperatures.

Applications

- Lubrication of friction, rolling and pivoting bearings, splined shafts, knockout spindles and sliding surfaces of all kinds under heavy loads and a broad temperature range, as well as all sliding speeds permissible for grease lubrication

Advantages and benefits

- Modern grease with a wide range of applications
- Supports sealing of bearings
- Good corrosion protection
- Resistant to ageing and oxidation
- Good resistance to pressure and water

Branches

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

Application tips

For optimum effect, carefully clean the lubricating point, for example with OKS 2610/OKS 2611 universal cleaner. Before filling for first time, remove anti-corrosion agent. Fill the 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 < 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

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

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PRODUCT INFORMATION

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OKS 404
High-Performance and High-Temperature Grease

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
base oil				polyalphaolefine
thickener				lithium-complex soap
Application related technical data				
marking	DIN 51 502	DIN 51 825		KP2P-30
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	100
flashing point	DIN ISO 2592	> 79	°C	> 200
drop point	DIN ISO 2176		°C	> 260
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
resistance to oxidation	DIN 51 808	100h/100°C	bar	< 0.3
lower operating temperature	DIN 51 805	≤ 1,400 hPa	°C	-30
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100h	°C	150
maximal operating temperature			°C	200
colour				light-coloured
density	DIN EN ISO 3838	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	350,000
four-ball test rig welding load	DIN 51 350-4		N	2,800
four-ball test rig wear	DIN 51 350-5	1.420/min, 1h, 800N	mm	< 0.8
SKF-EMCOR	DIN 51 802		corr. degree	0
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1

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