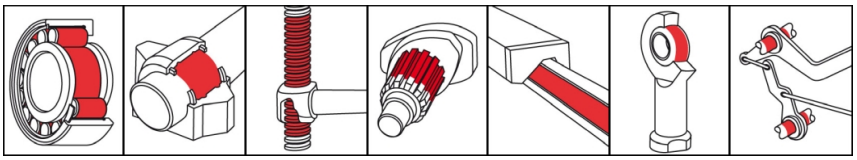
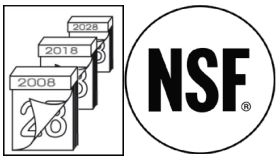
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 470

White Universal High-Performance Grease





Description

Universal grease with white solid lubricants and NSF H2 approval.

Applications

- Lubrication of normal-load friction, rolling and pivoting bearings
- Lubrication of spindles and guides at machines
- Lubrication of moving parts at fine-mechanical devices as well as household appliances

Branches

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

Advantages and benefits

- Lubrication when dark-coloured lubricants cannot be used
- Saving of maintenance and lubricant costs by reducing downtimes and corrective maintenance
- Waterproof
- NSF H2 registered
- Also available as spray version OKS 471 (without NSF certification)

Application tips

Clean the lubricating points well for optimal effect. 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 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 the basis of the service conditions. If old grease cannot be removed, restrict the quantity of grease so as to avoid over-lubricating 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

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				lithium hydroxystearate
solid lubricants				white solid lubricants
Application related technical data				
marking	DIN 51 502	DIN 51 825		KF2K-30
Viscosity base oil	DIN 51 562-1	at 40°C	mm²/s	approx. 110
Viscosity base oil	DIN 51 562-1	at 100°C	mm²/s	approx. 10
drop point	DIN ISO 2176		°C	> 195
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
oil separation	DIN 51 817	168h/40°C	percent in weight	< 5
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				white
density	DIN EN ISO 3838	at 20°C	g/cm³	0.92
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	3,400
four-ball test rig wear	DIN 51 350-5	1h, 800N	mm	< 1.4
SKF-EMCOR	DIN 51 802	168h, distilled water	corr. degree	1
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1-100
Properties and approvals				
approval for food processing technology				NSF H2, Reg.-Nr. 137707

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