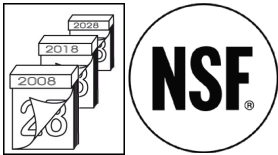
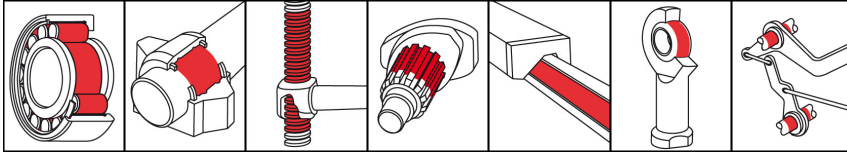


OKS 470

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

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. In as far as available, 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. Caution: Only mix with suitable lubricants.



PRODUCT INFORMATION

OKS 470

White Universal High-Performance Grease

Packaging

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

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 at (40°C)	DIN 51 562-1	base oil	mm ² /s	approx. 110
viscosity at (100°C)	DIN 51 562-1	base oil	mm ² /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	≤ 1400hPa	°C	-30
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100h	°C	120
colour				white
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.93
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
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

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.