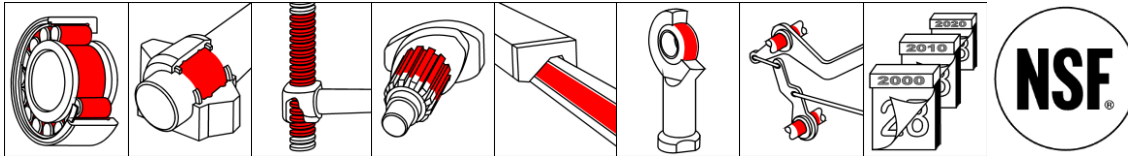


OKS 470 / OKS 471 White Universal High-Performance Grease



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

Main fields of application

- Food processing and beverage industry
- Textile and clothing industry
- Paper and cardboard 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 (OKS 470)
- 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.

Our customer advice service will be pleased to help should you have any further questions.



PRODUCT INFORMATION

OKS 470 / OKS 471 White Universal High-Performance Grease

Technical Data

	Standard	Conditions	Unit	Value
Marking	DIN 51 502	DIN 51 825		KF2K-30
Base oil				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C 100°C	mm ² /s mm ² /s	approx. 110 approx. 10
Thickener				
Type				Lithium hydroxystearate
Consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
Worked penetration	DIN ISO 2137	60 cycles	0.1 mm	265 - 295
Drop point	DIN ISO 2176		°C	> 195
Oil separation	DIN 51 817	168 h / 40°C	% by mass	< 5
Additives				
Solid lubricants, type				white solid lubricants
Application-specific data				
Density	DIN EN ISO 3838	20°C	g/cm ³	0.93
Colour				white
DN factor	without		mm x 1/min	300,000
Operating temperatures				
Lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-30
Upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100 h	°C	120
Corrosion protection tests				
Water resistance	DIN 51 807-1	90°C	Degree 0 - 3	1
SKF-EMCOR	DIN 51 802	168 h, distilled water	Corr. degree 0 - 5	0
SKF-EMCOR, on copper	DIN 51 811	24 h / 100°C	Corr. degree 0 - 5	1
Wear protection tests				
Four-ball test rig welding load	DIN 51 350-4		N	3,600
Four-ball test rig wear	DIN 51 350-5	1 h / 800 N	mm	< 1
Approvals/Specifications				
Food processing technology		OKS 470		NSF H2 Reg. No. 137707

Packaging

- 100 g tube
- 400 ml cartridge
- 1 kg tin
- 400 ml spray (OKS 471)
- 5 kg and 25 kg hobbock
- 180 kg drum

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