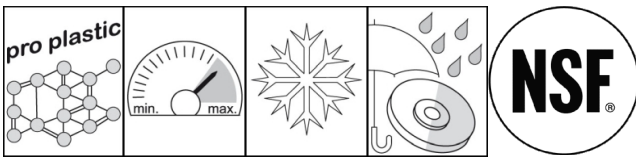
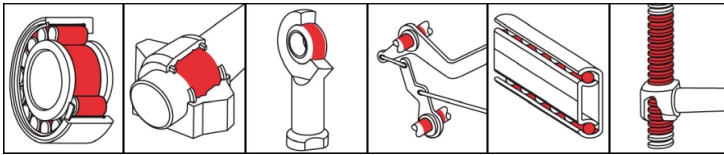


OKS 472

Low-Temperature Grease for Food Processing Technology



Description

White fully synthetic low-temperature grease with NSF H1 certification for food processing technology.

Applications

- Grease lubrication of friction and rolling bearings at low operating temperatures
- Grease lubrication of friction and rolling bearings at high speeds
- Grease lubrication of bearings with low coasting moments or low bearing play

Advantages and benefits

- NSF H1 registered
- Low-viscosity, fully synthetic base oil ensures the functionality of the lubricating film up to -70°C
- Very good conveying capability in central lubricating systems also at low temperatures

Branches

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

Application tips

Clean the surfaces 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, high-speed bearings (DN value above 400,000) up to about 1/4. Low-speed bearings (DN value < 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 systems 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.

OKS 472

Low-Temperature Grease for Food Processing Technology

Packaging

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

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				ester
base oil				polyalphaolefine
thickener				aluminium-complex soap
Application related technical data				
marking	DIN 51 502	DIN 51 825		KHC1K-40
viscosity at (40°C)	DIN 51 562-1	base oil	mm ² /s	30
viscosity at (100°C)	DIN 51 562-1	base oil	mm ² /s	6
pour point	DIN ISO 3016	3°C step	°C	< -70
flashing point	DIN ISO 2592	> 79	°C	> 200
drop point	DIN ISO 2176		°C	> 220
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	1
worked penetration	DIN ISO 2137	60DH	0.1 mm	310-340
lower operating temperature	DIN 51 805	≤ 1.400hPa	°C	-45
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100h	°C	120
colour				whitish
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.9
water resistance	DIN 51 807-1	3h/90°C	Degree 0-3	1
DN value (dm x n)			mm/min	800,000
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 135749

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 ☎ +49 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
Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
 Our Customer and Technical service will be pleased to help should you have any further questions.