PRODUCT INFORMATION

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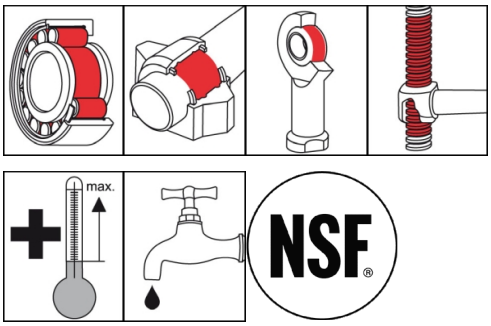
OKS 479

High-Temperature Grease, for Food Processing Technology



Description

OKS 479 is a fully synthetic grease for food processing technology that is used to lubricate rolling and friction bearings as well as other machine elements under increased operating temperatures.

Applications

- Lubrication of rolling and friction bearings, joints, linear drives, guides
- For the lubrication of fittings, seals, moulded parts and elements of elastic rubber materials in the hot- and cold-water segment

Branches

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

Advantages and benefits

- NSF H1 registered
- Can be used universally due to good high-temperature properties, long-term lubricating effect and good adhesive strength on metal surfaces
- Resistant to hot and cold water, water vapour, watery-alkaline and acidic disinfectants and cleaning agents
- High resistance to oxidation and ageing

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.

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Packaging

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

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyalphaolefine
thickener				aluminium-complex soap
Application related technical data				
marking	analogue to DIN 51 502	DIN 51 825		KPHC1K-30
Viscosity base oil	DIN 51 562-1	at 40°C	mm²/s	360
Viscosity base oil	DIN 51 562-1	at 100°C	mm²/s	37
drop point	DIN ISO 2176		°C	> 230
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	≤ 1,400 hPa	°C	-35
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), > 100h	°C	120
upper operating temperature		For a short time	°C	160
colour				beige
density	DIN EN ISO 3838	at 20°C	g/cm³	0.9
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
DN value (dm x n)			mm/min	500,000
four-ball test rig welding load	DIN 51 350-4		N	2,200
SKF-EMCOR	DIN 51 802	7 days, distilled water	corr. degree	1
Properties and approvals				
UFI				MG0J-10EH-P00D-8DXW
approval for food processing technology				NSF H1, Reg.-Nr. 135675

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