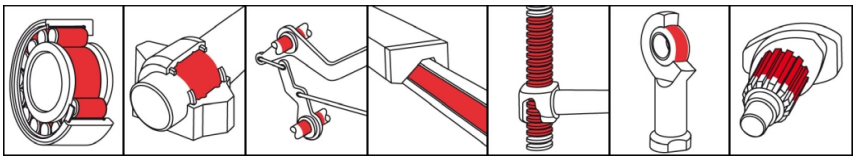
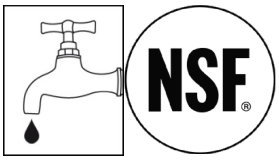
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 476

Multipurpose Grease, for Food Processing Technology





Description

Universal multipurpose grease for food processing technology for lubricating rolling and friction bearings and other machine elements.

Applications

- Grease lubrication of rolling and friction bearings, joints, linear drives and chains
- Lubrication of fittings, seals, moulded parts and elements of elastic rubber materials in the hot- and cold-water segment
- Lubrication of fittings or machines in dairies, breweries, bakeries, slaughterhouses, etc.

Advantages and benefits

- NSF H1 registered
- Reduces wear
- Excellent resistance to oxidation and ageing
- Resistant to hot and cold water, water vapour, watery-alkaline and acidic disinfectants and cleaning agents

Branches

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

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 < 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 basis of service conditions. If old grease cannot be removed, restrict the quantity of grease so as to avoid overlubricating the bearing. If lubrication frequencies tend to be low, you should aim for a full grease change. Only mix with suitable lubricants.

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Packaging

- 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				semi-synthetic oil
thickener				aluminium-complex soap
Application related technical data				
marking	analogue to DIN 51 502			KP2K-30
viscosity (base oil)	DIN 51 562-1	at 40°C	mm²/s	240
viscosity (base oil)	DIN 51 562-1	at 100°C	mm²/s	22
drop point	DIN ISO 2176		°C	> 220
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
lower operating temperature	DIN 51 805	≤ 1,400 hPa	°C	-30
upper operating temperature			°C	110
colour				white
density	DIN 51 757	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	400,000
four-ball test rig welding load	DIN 51 350-4		N	2,200
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 137619

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