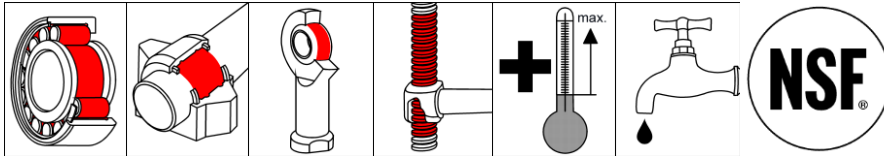


## OKS 479

### 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

#### Main fields of application

- Food processing and beverage industry, e.g. dairies, breweries, bakeries, slaughterhouses
- Pharmaceutical industry
- Plumbing sector

#### 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.

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

## OKS 479

### High-Temperature Grease for Food Processing Technology

#### Technical Data

	Standard	Conditions	Unit	Value
Marking	Analogue to DIN 51 502	DIN 51 825		KPHC1K-30
<b>Base oil</b>				
Type				Polyalphaolefine
Viscosity	DIN 51 562-1	40°C 100°C	mm²/s mm²/s	360 37
<b>Thickener</b>				
Type				Aluminium-complex soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI grade	1
Worked penetration	DIN ISO 2137	60 cycles	0,1 mm	310 - 340
Drop point	DIN ISO 2176		°C	> 240
<b>Application-specific data</b>				
Density	DIN EN ISO 3838	20°C	g/cm³	0.91
Colour				beige
DN factor			mm/min	500,000
<b>Operating temperatures</b>				
Lower operating temperature			°C	-35
Upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), >100 h	°C	120
Upper operating temperature		briefly	°C	160
<b>Corrosion protection tests</b>				
Water resistance	DIN 51 807-1	90°C / 3 h	Degree 0 - 3	1
SKF-EMCOR	DIN 51 802	7 days / distilled water	Corr. degree 0 - 5	1
<b>Wear protection tests</b>				
Four-ball test rig welding load	DIN 51 350-4		N	2,200
<b>Approvals/Specifications</b>				
Food processing technology				NSF H1 Reg. No. 135675

#### Packaging

- 120 cm³ ChronoLube cartridge
- 400 ml cartridge
- 1 kg tin
- 5 kg hobstock
- 25 kg hobstock

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