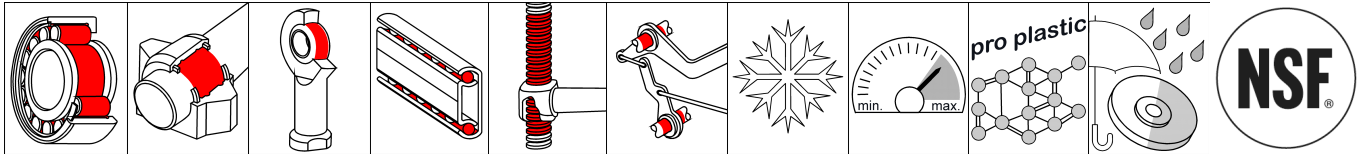


## OKS 475 High-Performance Grease



### Description

Fully synthetic high-performance grease with PTFE for use at low temperatures and high speeds.

### Applications

- Grease lubrication of plain and roller bearings with low bearing play as well as bearings with low coasting moments
- Lubrication for fast-running roller bearings
- Sealing lubrication of mating surfaces, for example ground-in parts such as taper plugs, dosing plungers and valves
- Maintenance lubrication of plastic and rubber parts with embrittlement protection and good frictional characteristics, particularly on metal surfaces

### Advantages and benefits

- Temperature range from -60°C to 120°C
- Resistant to all alkali and acid cleaning agents and disinfectants
- Good wear protection through PTFE
- NSF H2 registration

### Main fields of application

- Food processing and beverage industry
- Textile industry
- Packaging industry
- Drive 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, high-speed bearings (DN value < 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 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 475 High-Performance Grease

### Technical Data

	Standard	Conditions	Unit	Value
Marking	DIN 51 502	DIN 51 825		KFHC2K-60
<b>Base oil</b>				
Type				Polyalphaolefine
Viscosity	DIN 51 562-1	40°C 100°C	mm <sup>2</sup> /s mm <sup>2</sup> /s	approx. 30 approx. 11.5
<b>Thickener</b>				
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
Oil separation		30 h / 100°C	Percent in weight	< 5
Flow pressure	DIN 51 805	20°C	mbar	< 125
Drop point	DIN ISO 2176		°C	> 185
Resistance to oxidation	DIN 51 808	100 h / 100°C	bar	< 0.2
<b>Additives</b>				
Solid lubricants, type				PTFE
<b>Application-specific data</b>				
Density	DIN EN ISO 3838	20°C	g/cm <sup>3</sup>	0.85
Colour				beige
DN factor			mm x 1/min	1,000,000
<b>Operating temperatures</b>				
Lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-60
Upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100 h	°C	120
<b>Corrosion protection tests</b>				
SKF-EMCOR	DIN 51 802	7 days, distilled water	Corr. degree 0 - 5	0 and 0
Water resistance	DIN 51 807-1	90°C	Degree 0 - 3	1
<b>Wear protection tests</b>				
Four-ball test rig welding load	DIN 51 350-4		N	2,000
<b>Approvals/Specifications</b>				
Food processing technology				NSF H2 Reg. No. 137708

### Packaging

- 400 ml cartridge
- 1 kg tin
- 5 kg hobcock
- 25 kg hobcock
- 170 kg drum

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**Safety data sheet** for industrial and commercial users is available for downloading under [www.oks-germany.com](http://www.oks-germany.com).