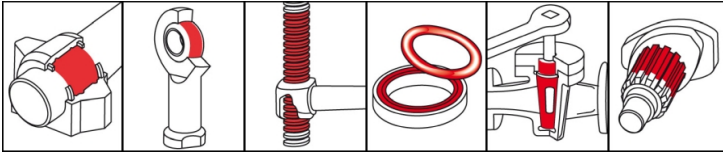


## OKS 477 Valve Grease



### Description

OKS 477 is valve grease for food processing technology.

### Applications

- Sealing lubrication of sliding surfaces, e.g. ground-in parts such as taper plugs, dosing plungers, valves, beer taps etc.
- Maintenance lubrication of plastic and rubber parts, as well as stuffing boxes, lip seals and O-rings
- Rolling and friction bearing lubrication in slow-running areas, toothing or chains on filling and packaging machines, stirring and grinding mechanisms etc.

### Branches

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

### Application tips

For best results clean the lubricating point carefully. Clean with solvents like OKS 2610/OKS 2611 Universal Cleaner. Use a brush, spatula or similar to apply grease evenly thin to the functional surface. Remove excess grease. Observe the instructions of machine manufacturer. Relubrication intervals and amount to be defined acc. to the service conditions. Only mix with appropriate lubricants.

### Packaging

- 80 ml Tube
- 1 kg Can
- 5 kg Hobcock

### Advantages and benefits

- Highly effective due to proven lubricant formula
- Fulfills most demanding hygienic requirements. Reduced maintenance and lubricant costs due to possible long-term lubrication
- Resistant to hot and cold water, water vapour, wateryalkaline and acidic disinfectants and cleaning agents
- Neither hard residues result, nor is there a tendency to soften or drip due to pasteurisation or sterilization
- Odour and taste-free, and does not affect the properties of beer foam
- Toxicologically harmless as defined in German LFGB
- Commodities Act. NSF H1 registration number 135 750
- Tested according the UBA-guideline for the hygienic evaluation of lubricants in contact with potable water
- NSF H1 registered
- MOSH/MOAH-free (as per recipe)

# OKS 477

## Valve Grease

### Technical data

	Standard	Conditions	Unit	Value
<b>Main components</b>				
base oil				polyalphaolefine
thickener				silicate
<b>Application related technical data</b>				
marking	DIN 51 502	DIN 51 825		MHC3N-10
viscosity (at 40°C)	DIN 51 562-1	base oil	mm <sup>2</sup> /s	1,600
viscosity at (100°C)	DIN 51 562-1	base oil	mm <sup>2</sup> /s	155
pour point	DIN ISO 3016	3°C step	°C	-20
flashing point	DIN ISO 2592	> 79	°C	> 200
drop point	DIN ISO 2176		°C	without
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	3
worked penetration	DIN ISO 2137	60DH	0.1 mm	220-250
flow pressure	DIN 51 805	-10°C	mbar	< 1,400
lower operating temperature			°C	-10
upper operating temperature			°C	140
colour				light brown
density (at 20°C)	DIN EN ISO 3838		g/cm <sup>3</sup>	0.91
water resistance	DIN 51 807-1	90°C	Degree	0-90
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1-100
<b>Product specific technical data</b>				
apparent dynamic viscosity	DIN 51 810	D 300s-1, ni and ne	mPa s	20,000
<b>Properties and approvals</b>				
UFI				
approval for food processing technology				<a href="#">NSF H1, Reg.-Nr. 135750</a>
drinking water approval	UBA guideline (D)			test certificate HyCert-2-347253-21-Hy210
Tested for beer foam compatibility				approval of the BPV Weihenstephan

### OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

☎ +49 8142 3051 - 500

✉ [info@oks-germany.com](mailto:info@oks-germany.com)

🌐 [www.oks-germany.com](http://www.oks-germany.com)

a brand of

 **FREUDENBERG**

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](http://www.oks-germany.com)  
Our Customer and Technical service will be pleased to help should you have any further questions.