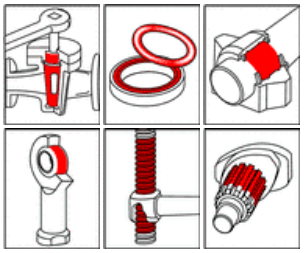
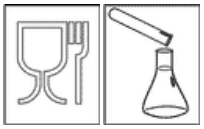
OKS 477 - Product Information

OKS 477
Valve Grease for Food Processing Technology





Fields of Application:

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.

Advantages and Benefits:

Excellently suited as sealing lubricant for food processing and beverage industry, e.g. on beer taps. Highly effective due to proven lubricant formula. Fulfils most demanding hygienic requirements. Reduced maintenance and lubricant costs due to possible long-term lubrication. Resistant to hot and cold water, water vapour, watery-alkaline and acidic disinfectants and cleaning agents. Neither hard residues result, nor is there a tendency to soften or drip due to pasteurisation or sterilisation. OKS 477 is odour and taste-free, and does not affect the properties of beer foam (Expertise of Technical University of Munich-Weihenstephan). Toxicologically harmless as defined in Sec. 31, Para. 1 of German Foodstuffs and Essential Commodities Act. NSF H1 registration number 135 750. Tested according the UBA-guideline for the hygenic evaluation of lubricants in contact with potable water.

Application:

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. For additional questions please contact our Technical Department.

Additional Information:

Packaging (Article number):
- 100 g Tube (00477012)
- 1 kg Tin (00477034)
- 5 kg Hobbock (00477050)
- 25 kg Hobbock (00477062)

Version:
E-10.1/09

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Technical Data

	Norm	Conditions	Unit	Unit
Classification	DIN 51 502	DIN 51 825		M HC 3 N-10
Base Oil				
Type				Polyalfaolefin
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm²/s mm²/s	1.600 155
Pourpoint	DIN ISO 3016	3°C step	°C	-20
Flash point	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Silica gel
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	3
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	220 - 250
Apparent dynamic viscosity	DIN 51 810	D 300s-1, n_a und n_e	mPas s	20000
Flow pressure	DIN 51 805	-10°C	mbar	<1400
Drop point	DIN ISO 2176		°C	none
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	0,87
Colour				light brown
Service Temperatures				
Minimum service temperature			°C	-10
Maximum service temperature			°C	140
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 90
Corrosion protection tests				
SKF EMCOR on copper	DIN 51 811	24 h / 100°C	Grad 1 - 5	1 - 100
Releases / Specifications				
Food industry				NSF H1 reg.-no, 135 750 Release BPV Weihenstephan
Potable water	UBA- Guideline			Test certificate C-130913-05-Sf/st