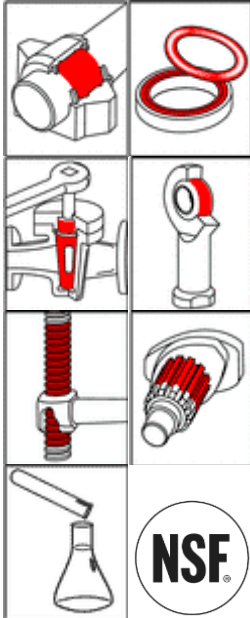




OKS 477 - Product Information

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:

Excellent suited as sealing lubricant for food processing and beverage industry, e.g. on beer taps. 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, 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). NSF H1 registration number 135 750. Tested according the UBA guideline for the hygienic 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. Mix with appropriate lubricants only. For additional questions please contact our Technical Department.

Additional Information:

Packaging:

- 80 ml Tube
- 1 kg Tin
- 5 kg Hobbock

Version:

E-01.1/17

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. © = Registered Trademark



OKS 477

Valve Grease for Food Processing Technology

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		M HC 3 N-10
Base Oil				
Type				Polyalphaolefine
Viscosity	DIN 51 562-1	40°C	mm ² /s	1.600
	DIN 51 562-1	100°C	mm ² /s	155
Pour point	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 double strokes	0,1 mm	220 - 250
Apparent dynamic viscosity	DIN 51 810	D 300s-1, na and ne	mPas s	20.000
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/cm ³	0,87
Colour				beige
Service Temperatures				
Minimum service temperature			°C	-10
Maximum service temperature			°C	140
Water resistance	DIN 51 807-1	90°C	Grade 0 - 3	0
Corrosion protection tests				
SKF EMCOR on copper	DIN 51 811	24 h / 100°C	Grade 0 - 5	1
Releases / Specifications				
Food industry				NSF H1 reg.-No. 135 750
Potable water	UBA- Guideline			Test certificate C-130913-05-Sf/st
Beer foam compatibility				Release BPV Weihenstephan

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. © = Registered Trademark