

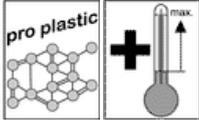


OKS 1120 - Product Information

Fields of Application:

Increased sliding quality and operating safety for metal/elastomer material pairs. For lifetime lubrication in plumbing sector of hot-water pressure fittings, in particular for EPDM O-rings on pistons of mixer taps, thermostat mixers and drain pipes, distribution cartridges of plastic for overflow valves in electric hot-water devices. For lubricating and sealing off tap cocks, rubber packings, inlet and outlet valves on machines in the brewing and beverage industry.

OKS 1120 Hot and cold water armature grease



Advantages and Benefits:

Highly effective due to excellent adhesion on all materials. Neutral behaviour with regard to plastics and elastomers. Consistent properties without drying out, hardening or bleeding. Resistant to cold and hot water, as well as acetone, ethanol, ethylene glycol, glycerine and methanol. Toxicologically harmless as defined in Sec. 31, Para. 1 of German Foodstuffs and Essential Commodities Act. Registered by NSF in category H1 under the number 135 751. Does not affect quality properties of beer flavour and odour.

Application:

For best results, clean lubricant points and surfaces carefully, e.g. with OKS 2610 or OKS 2611 universal cleaner. Apply grease evenly thin to the lubricant point (e.g. with a brush or spatula etc.). Remove excess lubricant. Observe the instructions of the machine manufacturer. Relubrication intervals and amount to be defined acc. to the service conditions. Only mix with appropriate lubricants. Bearings filled with silicon grease must not have higher loads than 1/3rd of the bearing's permitted load. Silicone-based plastics, e.g. silicone rubber, can be dissolved by silicone grease. Silicone grease must not be applied to sliding surfaces under influence of pure oxygen. For further questions please contact our Technical department.

Additional Information:

Packaging (article number):

- 1 kg Tin (01120034)
- 5 kg Hobbock (01120050)
- 25 kg Hobbock (01120062)

Version:

E-12.1/06

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OKS 1120 Hot and cold water armature grease

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		MSI3S-40
Base Oil				
Type				Polydimethylsiloxane
Viscosity	DIN 51 562-1	40 °C	mm ² /s	9.500
	DIN 51 562-1	100 °C	mm ² /s	3.800
Evaporation loss	DIN 58 397-1	30h/200 °C	Weight-%	< 2,5
Thickener				
Type				anorganic
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	3
Unworked penetration	DIN ISO 2137		0,1 mm	180 - 210
Flow pressure	DIN 51 805	-40 °C	mbar	<100
		+20 °C	mbar	50
Drop point	DIN ISO 2176		°C	none
Oil separation	DIN 51 817	18h/40 °C	Weight-%	0,86
		168h/40 °C	Weight-%	3,46
Oxidation resistance	DIN 51 808	100h/160 °C	bar	< 0,3
Application Data				
Density	DIN EN ISO 3838	+20 °C	g/cm ³	1,0
Colour				transparent
Services Temperatures				
Minimum services temperature			°C	-40
Maximum services temperature			°C	200
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802		Corr.-Grade 1-5	3 - 4
Water resistance	DIN 51 807-1	+90 °C	Grade 1-3	0 - 90
Releases / Specifications				
Food industry				NSF H1 reg.-no. 135 751
Miscellaneous	Drinking water-components			acc. NSF 61
	Food components			acc. NSF 51

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