



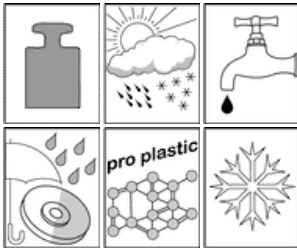
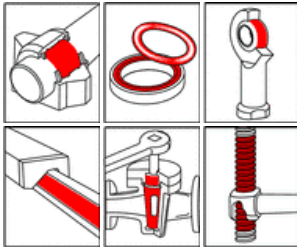
OKS 277 - Product Information

Fields of Application:

Lubrication of sliding machine elements of metal, plastic and ceramic, e.g. for cold and hot-water fixtures, for lubricating and sealing off tap cocks, labyrinth seals, stuffing boxes and packings. For lubricating and sealing off drain fittings for commercial kitchens, as a lubricant for threaded spindles on radiator thermostats etc. For long-term lubrication of heavily loaded press and guide plates on telescope booms of mobile cranes.

Advantages and Benefits:

Reduces friction and wear, protects against corrosion, prevents stick-slip effects. High resistance to oxidation and ageing, non-toxic. Does not drip or melt in specified temperature range. Extremely noise and vibration-damping. Excellent resistance to cold and hot water, water vapour, lactic, formic, acetic and fruit acid, as well as alkaline and acidic cleaning agents and disinfectants. Suitable for use in the food processing and beverage industry. Hygienically harmless as defined in Art. 21, Para. 1 of the Foodstuffs and Essential Commodities Act. Generally good compatibility with elastomers and plastics. Elastic rubber materials such as EPDM and NBR are not attacked. For other plastic parts, a resistance test should be conducted to be on the safe side.



Application:

For best adhesion, clean contamination and other lubricants from slide surfaces. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaning agent. Use a brush, spatula or similar to apply evenly a suitable quantity of paste onto surface. The paste will also act as a sealant. Do not use paste instead of grease and mix only with suitable lubricants. Our customer advice service will be pleased to help should you have any further questions.

Additional Information:

Packaging (Article number):

- 1 kg Tin (00277034)
- 5 kg Hobbock (00277050)
- 25 kg Hobbock (00277062)

Version:

E-04.1/05

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OKS 277 High-Pressure Lubrication Paste with PTFE

Technical Data

	Norm	Conditions	Unit	Value
Base Oil				
Type				ester
Viscosity	DIN 51 562-1	40°C	mm²/s	5.000
	DIN 51 562-1	100°C	mm²/s	600
Pourpoint	DIN ISO 3016	3°C step	°C	-20
Flash point	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				organic polymer
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	3
Drop point	DIN ISO 2176		°C	none
Oxidation resistance	DIN 51 808	pressure drop (100h/99°C)	bar	< 0,1
Additives				
Solid lubricants, type				PTFE
Solid lubricants, entire share	DIN 51 831-1	> 25 µm	Mass-%	ca. 40
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	1,23
Colour				white
Service Temperatures				
Minimum service temperature			°C	-20
Maximum service temperature - lubrication			°C	150
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.600
VBT- wear	DIN 51 350-5	300 N1.420 U/min/1 h/300 N	mm	1,0
Friction Values				
Press-Fit-Test	E DIN 51 833		µ	0,11, chatterfree
Thread friction value	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 plane Nut: ISO 4032 M10-10 plane	µ	0,13
Releases / specifications				
Food processing industry				acc §31, cha. 1, LMBG

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