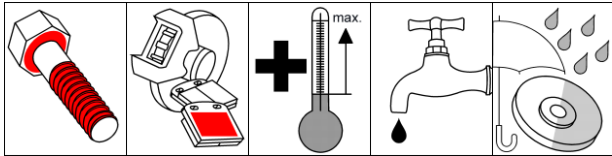


OKS 245 Copper Paste with High Corrosion Protection



Description

Copper paste with high corrosion protection for screws and sliding surfaces that are subjected to high temperatures and corrosive influences such as sea water.

Applications

- For mounting screwed connections, e.g. at combustion engines, threads on pipe fittings, flange joints and fittings of superheated steam lines, exhaust pipe and combustion chamber screwed connections, gas and oil burner mounting bolts
- To prevent burning together, seizing or rusting-on of screwed connections at water influence
- Suitable for brake systems of vehicles

Advantages and benefits

- Excellently suited for preventing binding of threads exposed to high temperatures, corrosive environments and moisture
- Highly effective due to high level of pressure absorption
- Excellent corrosion protection
- Absolutely resistant to fresh water and sea water
- Extremely adhesive

Main fields of application

- Maintenance
- Port area
- Vehicle maintenance

Application tips

For best adhesion, clean contamination and other lubricants from thread and slide surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610 / OKS 2611 universal cleaning agent. Use a brush, spatula or similar to apply evenly a suitable quantity of paste to the head or nut contact surface and to the thread. The paste also acts as a sealant against spray water and condensate. 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.

PRODUCT INFORMATION

OKS 245 Copper Paste with High Corrosion Protection

Technical data

	Standard	Conditions	Unit	Value
Base oil				
Type				Semi-synthetic oil
Flashing point	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Lithium soap
Unworked penetration	DIN ISO 2137	No shear stress	0.1 mm	230 - 270
Additives				
Solid lubricant, type				Copper powder
Solid lubricants	DIN 51 832	Particle size	µm	< 50
Additives				Corrosion protection
Application-specific data				
Density	DIN EN ISO 3838	20°C	g/cm³	0.94
Colour				Copper-coloured
Operating temperatures				
Lower operating temperature			°C	-30
Upper operating temperature		Lubrication	°C	150
Upper operating temperature		Separation	°C	1,100
Corrosion protection tests				
SKF-EMCOR	DIN 51 802		Corr. degree 0 - 5	0 - 1
Salt spray test	DIN 50 021	50 µm	h	> 500
Wear protection tests				
Four-ball test rig welding load	DIN 51 350-4		N	2,600
Four-ball test rig wear	DIN 51 350-5	1,420 1/min / 1 h / 800 N	mm	0.4
Coefficients of friction				
Press-fit test	Draft DIN 51 833		µ	0.12
Thread coefficient of friction	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 black-oxide Nut: ISO 4032 M10-10 black-oxide	µ	0.15
Breakaway torque	DIN 267-27	M10 A2 / 40 Nm / 400°C / 100 h	Nm	< 2.8 x tightening torque

Packaging

- 250 ml brush tin
- 1 kg tin
- 5 kg hobbock
- 25 kg hobbock

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