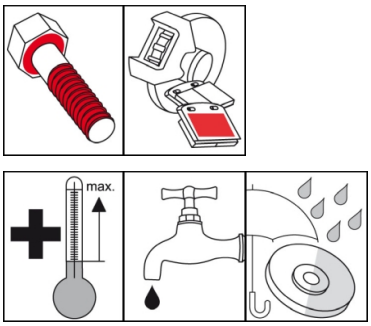
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

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

Branches

- Rubber and plastic processing
- Paper and packaging industry
- Municipal services
- Chemical industry
- Shipbuilding and marine technology
- Logistics
- Plant and machine (tool) engineering
- Glass and foundry industry
- Iron and steel industry
- Rail vehicle technology

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.

Packaging

- 150 ml Dispenser
- 250 ml Brush tin
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				organic/inorganic
solid lubricants				copper powder
additives				EP additives
additives				AW additives
Application related technical data				
worked penetration	DIN ISO 2137	60 double strokes	0.1 mm	310-340
lower operating temperature			°C	-30
upper operating temperature		lubrication	°C	100
upper operating temperature		separation	°C	1,100
colour				copper-coloured
density	DIN EN ISO 3838	at 20°C	g/cm³	0.95
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
salt spray test	DIN EN ISO 9227	layer thickness 120 µm	h	> 400
four-ball test rig welding load	DIN 51 350-4		N	3,400
Total friction coefficient (µ)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.14
breakaway torque	DIN 267-27	M10 A2, 40 Nm, 400 °C, 100 h	Nm	< 2,8 x tightening torque

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