

OKS 240

Antiseize Paste (Copper Paste)



Description

High-temperature screw paste on copper basis for preventing corrosion, seizing and binding.

Applications

- Assembling screw threaded connections subjected to high temperatures and corrosive influences
- Screwed connections at pipe fittings, flange joints and fittings in superheated steam lines
- Combustion chamber screwed connections and mounting bolts of gas and oil burners
- Screwed connections at combustion engines, exhaust systems, silencers and exhaust gas pipe connections

Advantages and benefits

- Allows reliable non-destructive dismantling even after longer operating period under high operating and ambient temperatures
- Provides an optimal ratio of screw pretension and tightening torque
- Electrically conductive
- Also available as spray version OKS 241

Branches

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

Application tips

To achieve optimal adhesion clean the thread or the sliding surface first mechanically and then with OKS 2610/OKS 2611 universal cleaner to remove soiling as well as any lubricant residues. Use a brush, spatula or similar to apply a sufficient amount of paste to the head or nut contact surface and to the thread. Spray on evenly OKS 241 spray. The paste will also act as a sealant. Caution: Do not use paste instead of grease and mix only with suitable lubricants.

Packaging

- | | | |
|--------------|-------------------|-----------------|
| • 8 ml Tube | • 250 g Brush tin | • 5 kg Hobbock |
| • 75 ml Tube | • 1 kg Can | • 25 kg Hobbock |

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil
thickener				inorganic
solid lubricants				copper
solid lubricants				other solid lubricants
solid lubricants				MoS ₂
Application related technical data				
flashing point	DIN ISO 2592	> 79	°C	> 180
drop point	DIN ISO 2176		°C	without
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	290-330
lower operating temperature			°C	-30
upper operating temperature		separation	°C	1100
colour				copper-brown
density (at 20°C)	DIN EN ISO 3838		g/cm ³	1.33
four-ball test rig welding load	DIN 51 350-4		N	2,800
thread friction coefficient (μ total)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.09
breakaway torque	DIN 267-27	M10 A2, 40 Nm, 400 °C, 100 h	Nm	< 2.5 x tightening torque
press-fit test (μ)	draft DIN 51 833			0.12, no chatter
Product specific technical data				
electrical conductivity (at 23°C)	DIN IEC 247		1/Ω cm	2.27x10 ⁸

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