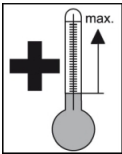
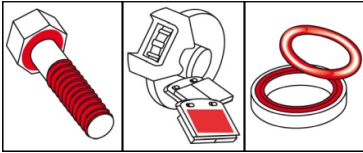


OKS 240 Copper Paste



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

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. Apply sufficient OKS 240 evenly to the head or nut contact surface and to the thread by using a brush, spatula, etc. 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 |

OKS 240

Copper Paste

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 | 295-340 |
| 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 | 1.3 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 3,000 |
| Total friction coefficient (μ) | DIN EN ISO 16 047 | screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide | | 0.13 |
| Total friction coefficient (μ) | DIN EN ISO 16 047 | Screw ISO 4017 A2 M10x55-70, Nut ISO 4032 A2 M10-70 | | 0.14 |
| breakaway torque | DIN 267-27 | M10 A2, 40 Nm, 400 °C, 100 h | Nm | < 2,5 x tightening torque |
| Properties and approvals | | | | |
| UFI | | | | E9H1-7007-M00H-J2S2 |

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