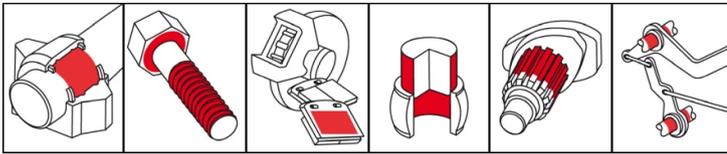


OKS 250 White Allround Paste, metal-free



Description

High-temperature paste on ceramic basis for lubricating heavily loaded sliding surfaces.

Applications

- Lubrication of highly stressed sliding surfaces, especially at low slip speeds or with oscillating movements, for example with screwed, mating or bayonet connections made of high-alloy steel or non-ferrous metals
- Surface separation of temperature-stressed threaded connections, for example at combustion engines and turbines
- Corrosion protection at screws, pins, bolts, flanges, spindles and fits
- For stainless-steel connections

Advantages and benefits

- Economic product solution for users who previously used a wide variety of pastes
- Resistant to hot and cold water and also to most acids and lyes
- Excellent corrosion protection
- Contains Mo_x-Active for increased performance
- Metal-free
- Also available as spray version OKS 2501
- NSF H2 registered

Branches

- Catering equipment and food processing technology
- Rail vehicle technology
- Chemical industry
- Rubber and plastic processing
- Plant and machine (tool) engineering
- Logistics
- Iron and steel industry
- Municipal services
- Maintenance and servicing
- Paper and packaging industry
- Shipbuilding and marine technology
- Glass and foundry 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 250 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.

OKS 250

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Packaging

- 8 ml Tube
- 80 ml Tube
- 250 g Brush tin
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

Technical data

| | Standard | Conditions | Unit | Value |
|---|-------------------|--|-------------------|---|
| Main components | | | | |
| base oil | | | | synthetic oil mixture |
| thickener | | | | Polyurea |
| solid lubricants | | | | white solid lubricants |
| additives | | | | Mo _x -Active |
| Application related technical data | | | | |
| drop point | DIN ISO 2176 | | °C | without |
| unworked penetration | DIN ISO 2137 | no shear stress | 0.1 mm | 290-340 |
| lower operating temperature | | | °C | -40 |
| upper operating temperature | | lubrication | °C | 200 |
| upper operating temperature | | separation | °C | 1,400 |
| colour | | | | white |
| density | DIN EN ISO 3838 | at 20°C | g/cm ³ | 1.29 |
| salt spray test | DIN EN ISO 9227 | layer thickness 60 µm | h | > 500 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 3,600 |
| Total friction coefficient (µ) | DIN EN ISO 16 047 | screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide | | 0.12 |
| Total friction coefficient (µ) | DIN EN ISO 16 047 | Screw ISO 4017 A2 M10x55-70, Nut ISO 4032 A2 M10-70 | | 0.15 |
| breakaway torque | DIN 267-27 | M10 A2, 40 Nm, 400 °C, 100 h | Nm | < 2,7 x tightening torque |
| press-fit test (µ) | draft DIN 51 833 | | | 0,10, no chatter |
| Properties and approvals | | | | |
| UFI | | | | XD49-303W-W00E-NV8G |
| approval for food processing technology | | | | NSF H2, Reg.-Nr. 131379 |

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