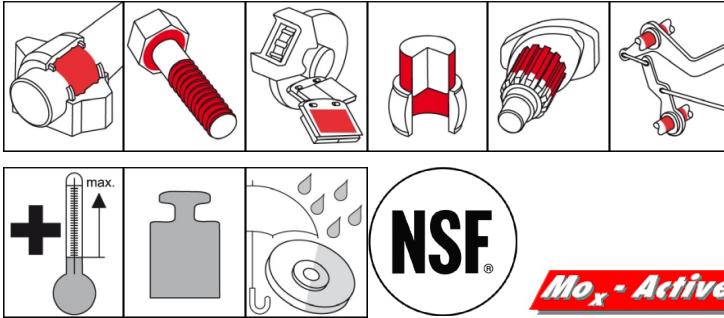


## OKS 250

### 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<sub>x</sub>-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

## White Allround Paste, metal-free

### 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                                   |
|---|-------------------|--|-------------------|---|
| <b>Main components</b>                    |                   |  |                   |   |
| base oil                                  |                   |  |                   | synthetic oil mixture                   |
| thickener                                 |                   |  |                   | Polyurea                                |
| solid lubricants                          |                   |  |                   | white solid lubricants                  |
| additives                                 |                   |  |                   | Mo <sub>x</sub> -Active                 |
| <b>Application related technical data</b> |                   |  |                   |   |
| drop point                                | DIN ISO 2176      |  | °C                | without                                 |
| unworked penetration                      | DIN ISO 2137      | no shear stress  | 0.1 mm            | 280-320                                 |
| lower operating temperature               |                   |  | °C                | -40                                     |
| upper operating temperature               |                   | lubrication  | °C                | 200                                     |
| upper operating temperature               |                   | separation   | °C                | 1,400                                   |
| colour                                    |                   |  |                   | white                                   |
| density (at 20°C)                         | DIN EN ISO 3838   |  | g/cm <sup>3</sup> | 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                        |
| <b>Properties and approvals</b>           |                   |  |                   |   |
| UFI                                       |                   |  |                   | XD49-303W-W00E-NV8G                     |
| approval for food processing technology   |                   |  |                   | <a href="#">NSF H2, Reg.-Nr. 131379</a> |

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