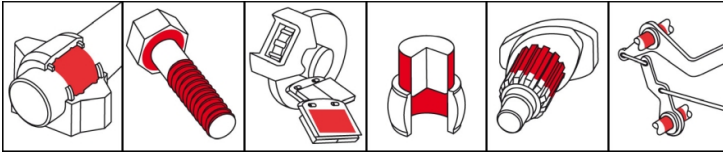


## OKS 250 White Allround Paste, metal-free



### 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

To achieve optimal adhesion remove soiling as well as other lubricants from the thread and sliding surfaces. Use a brush, spatula or similar to apply sufficient OKS 250 to the head or nut contact surface and to the thread. The paste will also act as a sealant. Caution: 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                                 |                   |  |                   | polycarbamide             |
| 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                     |
| 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 |                   | 0.12                      |
| thread friction coefficient (µ total)     | 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>           |                   |  |                   |                           |
| approval for food processing technology   |                   |  |                   | NSF H2, Reg.-Nr. 131379   |

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