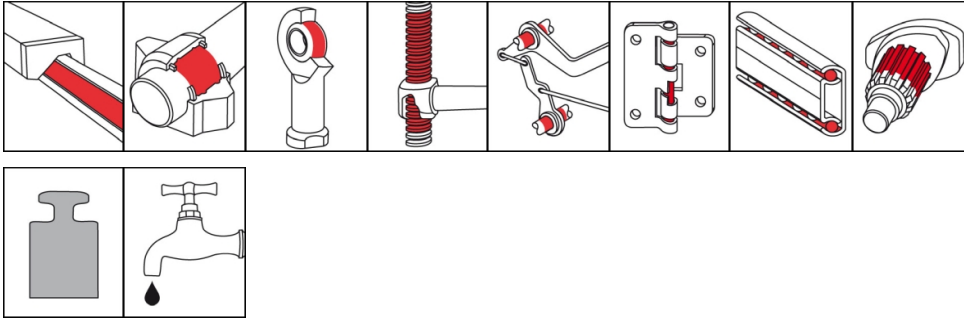


## OKS 270 White Grease Paste



### Description

OKS 270 is a grease paste for long-term lubrication of sliding surfaces subjected to high pressure

### Applications

- Lubrication of dirt-sensitive sliding points in mechanisms
- Assembly lubrication with large lubricant reservoir, e.g. chucks in which a supplemental relubrication at longer intervals with grease guns is possible

### Branches

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

### Advantages and benefits

- Excellently suited for dirt-free assembly and long-term lubrication
- Highly effective due to optimum solid lubricant combination
- Broad range of uses in area of parts sensitive to soiling
- Low consumption due to formation of highly effective lubricating films
- Good corrosion protection behaviour

### 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 or OKS 2611 universal cleaning agent. Use a brush, spatula or similar to apply evenly a suitable quantity of paste to the head or nut contact surface and to the thread. The paste will also act as a sealant. Do not use paste instead of grease and mix only with suitable lubricants.

### Packaging

- 250 g Can
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

## OKS 270 White Grease Paste

### Technical data

|                                           | Standard          | Conditions                                                                | Unit               | Value                   |
|-------------------------------------------|-------------------|---------------------------------------------------------------------------|--------------------|-------------------------|
| <b>Main components</b>                    |                   |                                                                           |                    |                         |
| base oil                                  |                   |                                                                           |                    | white oil               |
| thickener                                 |                   |                                                                           |                    | lithium hydroxystearate |
| solid lubricants                          |                   |                                                                           |                    | white solid lubricants  |
| solid lubricants                          |                   |                                                                           |                    | PTFE                    |
| <b>Application related technical data</b> |                   |                                                                           |                    |                         |
| viscosity (base oil)                      | DIN 51 562-1      | at 40°C                                                                   | mm <sup>2</sup> /s | 22                      |
| drop point                                | DIN ISO 2176      |                                                                           | °C                 | > 190                   |
| unworked penetration                      | DIN ISO 2137      | no shear stress                                                           | 0.1 mm             | 280-310                 |
| lower operating temperature               |                   |                                                                           | °C                 | -25                     |
| upper operating temperature               |                   | lubrication                                                               | °C                 | 125                     |
| colour                                    |                   |                                                                           |                    | light-coloured          |
| density                                   | DIN EN ISO 3838   | at 20°C                                                                   | g/cm <sup>3</sup>  | 1.15                    |
| water resistance                          | DIN 51 807-1      | 3h/90°C                                                                   | Degree             | 0-90                    |
| four-ball test rig welding load           | DIN 51 350-4      |                                                                           | N                  | 5,000                   |
| Total friction coefficient (μ)            | DIN EN ISO 16 047 | screw ISO 4017 M10x55-8.8 black-oxide,<br>nut ISO 4032 M10-10 black-oxide |                    | 0.09                    |

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.