

## OKS 670

### High-Performance Lube Oil, with white solid lubricants



#### Description

High-performance lube oil with good penetration properties, for long-term lubrication of machine elements subjected to high pressures, dust or moisture.

#### Applications

- Lubrication wherever good penetration capacity is the only possibility for relubrication, for example at joints, hinges, linkages, levers and guides
- Lubrication of machine elements subjected to moisture, for example at conveying systems, packaging machines, automatic filling machines, etc.
- Chains in a dusty environment

#### Branches

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

#### Advantages and benefits

- Light-coloured
- High lubrication effect due to optimum product formula
- Good creep properties, thus easy penetration even in narrow, hard-to-reach lubricating points
- Good lubricating and pressure absorption capacity
- Excellent corrosion protection
- Good wear protection, also in comparison to higher-viscosity oils without solid lubricants
- Broad range of uses in all maintenance sectors
- Also available as spray version OKS 671

#### Application tips

For highest effectiveness, clean the lubrication point. Best way is to clean mechanically first and then with OKS 2610/OKS 2611 universal cleaner. Stir or shake well before use. Apply sufficient OKS 670 with a brush, drip oiler, oil can or by immersion. Spray OKS 671 on evenly. Remove any excess. Only mix with suitable lubricants.

#### Packaging

- 5 l Canister
- 25 l Canister
- 200 l Drum

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#### Technical data

|   | Standard                 | Conditions                       | Unit               | Value                  |
|---|--------------------------|----------------------------------|--------------------|------------------------|
| <b>Main components</b>                    |                          |                                  |                    |                        |
| base oil                                  |                          |                                  |                    | mineral oil            |
| solid lubricants                          |                          |                                  |                    | white solid lubricants |
| <b>Application related technical data</b> |                          |                                  |                    |                        |
| marking                                   | analogue to DIN 51 502   |                                  |                    | CLF 15                 |
| viscosity                                 | DIN 51 562-1             | 40°C, with solvent               | mm <sup>2</sup> /s | 18                     |
| flashing point                            | DIN ISO 2592             |                                  | °C                 | 64                     |
| lower operating temperature               |                          |                                  | °C                 | -30                    |
| upper operating temperature               |                          | with solvent                     | °C                 | 60                     |
| upper operating temperature               |                          | after evaporation of the solvent | °C                 | 150                    |
| colour                                    |                          |                                  |                    | beige                  |
| density                                   | DIN EN ISO 3838          | at 20°C                          | g/cm <sup>3</sup>  | 0.82                   |
| salt spray test                           | DIN EN ISO 9227          |                                  | h                  | > 150                  |
| coefficient of friction SRV (μ)           | analogue to DIN 51 834-2 | ball, disk                       |                    | 0.08                   |
| wear SRV                                  | analogue to DIN 51 834-2 | ball, disk                       | mm <sup>3</sup>    | 0.002                  |
| <b>Properties and approvals</b>           |                          |                                  |                    |                        |
| UFI                                       |                          |                                  |                    | 7RT1-V0WW-900X-9MV5    |

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