

# OKS 3570

## High-Temperature Chain Oil, for Food Processing Technology



### Description

OKS 3570 is a synthetic high-temperature oil with a wide range of applications in the food processing industry.

### Applications

- Lubrication of chains, joints and slideways at high temperatures
- Conveying systems in painting, stoving and drying systems
- Food-processing machines

### Branches

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

### Advantages and benefits

- Can be used up to 250°C
- NSF H1 registered, conforms to the requirements of the Hazard Analysis Critical Control Points (HACCP) method in the food processing industry
- Good adhesion on metal surfaces
- Excellent water resistance
- Excellent oxidation properties
- Excellent wear protection
- Also available as spray version OKS 3571
- MOSH/MOAH-free (as per recipe)

### Application tips

For optimum effectiveness, clean the point to be lubricated. Best way is to clean mechanically first and then with OKS 2610/OKS 2611 universal cleaner (check suitability beforehand). Apply OKS 3570 evenly with a brush, drip oiler, by immersion or using a suitable automatic lubrication system. Apply OKS 3571 evenly and do not apply to hot surfaces. Avoid excesses. Observe the plant manufacturer's instructions. Allow the product to soak in before operating.

### 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                                  |                        |                    |                    | synthetic oil                           |
| <b>Application related technical data</b> |                        |                    |                    |   |
| marking                                   | analogue to DIN 51 502 |                    |                    | CLP E 320                               |
| viscosity (at 40°C)                       | DIN 51 562-1           |                    | mm <sup>2</sup> /s | 320                                     |
| viscosity at (100°C)                      | DIN 51 562-1           |                    | mm <sup>2</sup> /s | 29.8                                    |
| viscosity index                           | DIN ISO 2909           |                    |                    | 125                                     |
| viscosity class                           | DIN ISO 3448           | DIN 51 562-1, 40°C | ISO VG             | 320                                     |
| flashing point                            | DIN ISO 2592           | > 79               | °C                 | > 270                                   |
| lower operating temperature               |                        |                    | °C                 | -10                                     |
| upper operating temperature               |                        |                    | °C                 | 250                                     |
| colour                                    |                        |                    |                    | yellowish-red                           |
| density (at 20°C)                         | DIN EN ISO 3838        |                    | g/cm <sup>3</sup>  | 0.87                                    |
| four-ball test rig welding load           | DIN 51 350-2           | 25°C               | N                  | 1,800                                   |
| four-ball test rig wear                   | DIN 51 350-3           |                    | mm                 | 0.33                                    |
| <b>Properties and approvals</b>           |                        |                    |                    |   |
| UFI                                       |                        |                    |                    |   |
| approval for food processing technology   |                        |                    |                    | <a href="#">NSF H1, Reg.-Nr. 145347</a> |

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