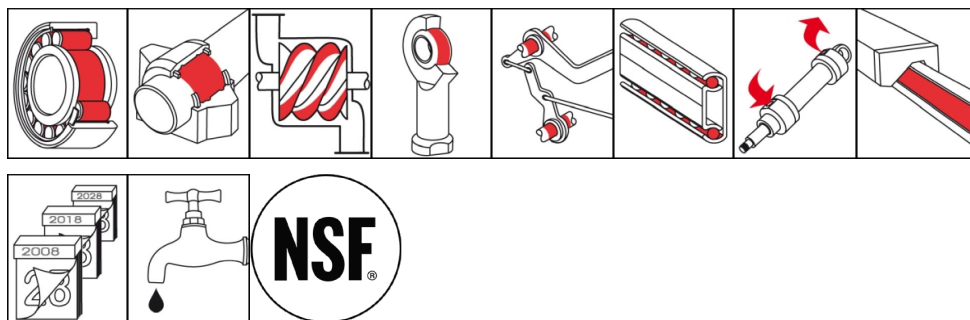


## OKS 3760

### Multipurpose Oil, ISO VG 100



#### Description

Fully synthetic multipurpose oil of the ISO VG Class 100 that is also suitable for hydraulic systems and compressors in food processing technology.

#### Applications

- Multipurpose oil for bearing, lever and joint lubrication
- Hydraulic oil for use in all areas in which physiologically harmless are required
- Compressor oil for piston compressors for prescribed oil ISO VG 100

#### Branches

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

#### Advantages and benefits

- NSF H1 registered
- Long economic operating times thanks to optimal additives against oxidation and ageing
- Good cold behaviour
- Resistant to cold and hot water, steam as well as disinfectants and cleaning agents
- For universal use due to long-term lubrication and high adhesive strength
- Good wear protection
- Tasteless and odourless
- Conforms to VDL requirements

#### Application tips

For optimum effect, clean the lubricating point. When switching over to food processing technology clean the hydraulic systems or reservoirs of compressors by flushing with OKS 3760. The manufacturer's instructions of the hydraulics, compressor or machine should be observed. Apply a sufficient amount of lubricant with a brush, drip oiler, by immersion or using a suitable automatic lubrication system. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

#### Packaging

- 1 l Bottle
- 5 l Canister
- 25 l Canister
- 200 l Drum

# OKS 3760

## Multipurpose Oil, ISO VG 100

### Technical data

|                                           | Standard               | Conditions         | Unit               | Value                                   |
|-------------------------------------------|------------------------|--------------------|--------------------|-----------------------------------------|
| <b>Main components</b>                    |                        |                    |                    |                                         |
| base oil                                  |                        |                    |                    | polyalphaolefine                        |
| <b>Application related technical data</b> |                        |                    |                    |                                         |
| marking                                   | analogue to DIN 51 502 |                    |                    | HLP HC 100                              |
| marking                                   | analogue to DIN 51 502 |                    |                    | VDL HC 100                              |
| viscosity                                 | DIN 51 562-1           | at 40°C            | mm <sup>2</sup> /s | 100                                     |
| viscosity                                 | DIN 51 562-1           | at 100°C           | mm <sup>2</sup> /s | 13.8                                    |
| viscosity index                           | DIN ISO 2909           | Process B          |                    | > 120                                   |
| viscosity class                           | DIN ISO 3448           | DIN 51 562-1, 40°C | ISO VG             | 100                                     |
| pour point                                | DIN ISO 3016           | 3°C step           | °C                 | -40                                     |
| flashing point                            | DIN ISO 2592           | > 79               | °C                 | > 240                                   |
| lower operating temperature               |                        |                    | °C                 | -35                                     |
| upper operating temperature               |                        |                    | °C                 | 135                                     |
| colour                                    |                        |                    |                    | colourless-yellow                       |
| density                                   | DIN EN ISO 3838        | at 20°C            | g/cm <sup>3</sup>  | 0.84                                    |
| FZG wear protection test                  | DIN ISO 14 635-01      | A/8,3/90           | power level        | > 12                                    |
| <b>Properties and approvals</b>           |                        |                    |                    |                                         |
| approval for food processing technology   |                        |                    |                    | <a href="#">NSF H1, Reg.-Nr. 129964</a> |

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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.