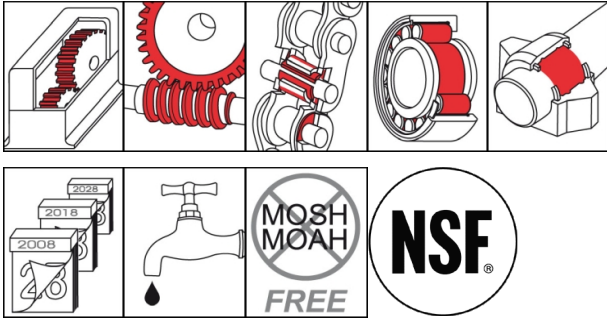


# OKS 3730

## Gear Oil for Food Processing Technology



### Description

Fully synthetic oil of the ISO VG class 460 for lubricating gears and other machine elements in the food processing technology.

### Applications

- Lubrication of closed toothed gearing
- Liquid lubrication of chains, joints, guides, fittings
- Suitable for immersion-bath, immersion-bath circulation and injection lubrication

### Branches

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

### Advantages and benefits

- NSF H1 registered
- Good oxidation and ageing stability through optimal additives
- Cold and hot water resistant
- Resistant to water steam, disinfectants and cleaning agents
- Wide operating temperature range
- Shear-stable and low-foaming
- Good wear protection
- Good corrosion protection
- Long economic operating times
- MOSH/MOAH-free (as per recipe)

### Application tips

Clean the lubricating point thoroughly for optimal effect. Before filling gears for first time, remove anti-corrosion agent. Fill the gears so that the immersing teeth transport the lubricant reliably. Apply a sufficient amount of lubricant with a brush, drip oiler, by immersion or using a suitable automatic lubrication system. Observe the gear and machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

### Packaging

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

# OKS 3730

## Gear Oil for Food Processing Technology

### Technical data

|   | Standard          | Conditions          | Unit               | Value                   |
|---|-------------------|---------------------|--------------------|-------------------------|
| <b>Main components</b>                    |                   |                     |                    |                         |
| base oil                                  |                   |                     |                    | synthetic oil mixture   |
| <b>Application related technical data</b> |                   |                     |                    |                         |
| marking                                   | DIN 51 502        | DIN 51 825          |                    | CLP HC 460              |
| viscosity at (40°C)                       | DIN 51 562-1      |                     | mm <sup>2</sup> /s | 460                     |
| viscosity at (100°C)                      | DIN 51 562-1      |                     | mm <sup>2</sup> /s | 47                      |
| viscosity index                           | DIN ISO 2909      |                     |                    | approx. 150             |
| viscosity class                           | DIN ISO 3448      | DIN 51 562-1, 40°C  | ISO VG             | 460                     |
| pour point                                | DIN ISO 3016      | 3°C step            | °C                 | < -30                   |
| flashing point                            | DIN ISO 2592      | > 79, open crucible | °C                 | > 200                   |
| lower operating temperature               |                   |                     | °C                 | -30                     |
| upper operating temperature               |                   |                     | °C                 | 120                     |
| colour                                    |                   |                     |                    | colourless-light yellow |
| density (at 20°C)                         | DIN EN ISO 3838   |                     | g/cm <sup>3</sup>  | 0.86                    |
| SKF-EMCOR Copper                          | DIN EN ISO 2160   | 24h, 100°C          | corr. degree       | 1-100                   |
| 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   |                   |                     |                    | NSF H1, Reg.-Nr. 135753 |

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