



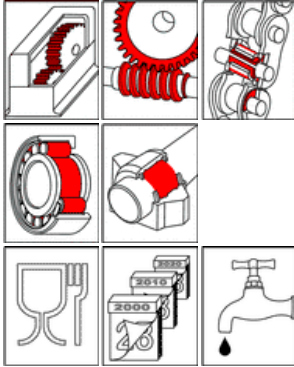
## OKS 3730 - Product Information

### Fields of Application:

Fully synthetic gear oil for the lubrication of all closed toothed gears, Liquid lubrication of chains, hinges, guides, armatures, roller and plain bearings in the whole food and beverage industry as well as in breweries, when physiologically harmless lubricants are required.

### OKS 3730

#### Gear Oil for the Food Industry



### Advantages and Benefits:

Physiologically harmless acc. to § 31, chapter 1 of the LMBG (German law for foodstuff and auxiliary components). Formulation acc. to the FDA guideline 21 CFR 178.3570. Registered by the NSF in the category H1 under the number 135753 for the use in the food industry, if an incidental contact is technically inevitable, pending. Through optimum additivation against oxidation and aging economically extended operating times. Resistant to hot and cold water, steam, common disinfection and cleaning agents.

### Application:

For optimum effect clean thoroughly the lubrication point first mechanically and then with OKS 2610/OKS 2611 Universal Cleaner. Before initial filling of gears remove corrosion protection agent. Fill gear so that the dipping teeth receive lubricant for sure. Apply sufficient amount with a brush, dripping oiler, by dipping or central lubrication systems. Instructions of the gear and machine manufacturer have to be observed. Relubrication intervals and amount to be defined acc. to the service conditions. Do only mix with suitable lubricants. For further questions please contact our technical department.

### Additional Information:

Packaging (article number):

- 5 l canister (03730050)
- 25 l canister (03730062)
- 200 l drum (03730072)

Version:  
E-12.1/05

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# OKS 3730 Gear Oil for the Food Industry

## Technical Data

|                                   | Norm            | Conditions             | Unit               | Value  |
|-----------------------------------|-----------------|------------------------|--------------------|--|
| Classification                    | DIN 51 502      | DIN 51 825             |                    | CLP HC 460                                       |
| <b>Base Oil</b>                   |                 |                        |                    |  |
| Type                              |                 |                        |                    | synthetic oils                                   |
| Viscosity                         | DIN 51 562-1    | 40°C                   | mm <sup>2</sup> /s | 460  |
|                                   | DIN 51 562-1    | 100°C                  | mm <sup>2</sup> /s | 47   |
| Viscosity index                   | DIN ISO 2909    | method B               |                    | 150  |
| Viscosity class                   | DIN 51 519      | DIN 51 562-1, 40°C     | ISO VG class       | 460  |
| Pour point                        | DIN ISO 3016    | 3°C Step               | °C                 | < -30  |
| Flash point                       | DIN ISO 2592    | > 79                   | °C                 | > 200  |
| <b>Application Data</b>           |                 |                        |                    |  |
| Density                           | DIN EN ISO 3838 | +20°C                  | g/ml               | 0,86   |
| Colour                            |                 |                        |                    | colourless - light yellow                        |
| <b>Service Temperatures</b>       |                 |                        |                    |  |
| Minimum                           |                 |                        | °C                 | -30  |
| Maximum                           |                 |                        | °C                 | 120  |
| <b>Gear Tests</b>                 |                 |                        |                    |  |
| FZG damage grade                  | DIN 51 354 T2   | A/8,3/90               | force grade 0-12   | > 12   |
| FZG wear                          | DIN 51 354 T2   | A/8,3/90               | mg/kWh             | < 0,2  |
| <b>Corrosion Protection Tests</b> |                 |                        |                    |  |
| SKF-EMCOR                         | DIN EN ISO 2160 | on copper, 24 h/100 °C | corr.-grade        | 1 - 100  |
| <b>Releases/Specifications</b>    |                 |                        |                    |  |
| Food industry                     |                 |                        |                    | acc. to §31, ch. 1, LMBG, NSF H1 Reg.-No. 135753 |

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