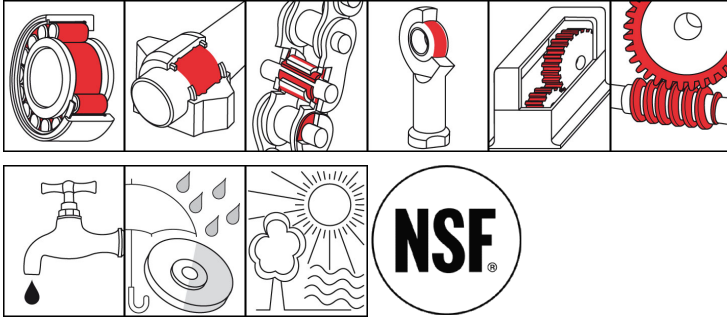


OKS 473

Fluid Grease for food processing technology



Description

OKS 473 is a fluid grease for closed gears, rolling and friction bearings with minimal gearing play and high speeds, at low temperatures as well as low coasting torques.

Applications

- For closed gear units and geared motors, plain and friction bearings even at higher rotating speeds, e.g. on filling and packaging machines
- For joints, propeller shafts and chains when grease lubrication is specified

Branches

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

Advantages and benefits

- Toxicologically harmless as defined in German LFGB
- Formula in accordance the FDA guideline 21 CFR 178.3570
- NSF H1 registered
- Long operating times due to good resistance to oxidation and ageing
- Reduced wear due to highly adhesive, load-bearing lubricating film
- Excellent corrosion protection
- Low dynamic viscosity enables use with minimal bearing play and gear unit spaces
- Good pumpability with central lubricating systems
- Very high resistance to hot and cold water, watery-alkaline and acidic disinfectants and cleaning agents

Application tips

For best results clean the lubricating point carefully, e.g. with OKS 2610/OKS 2611 Universal Cleaner. Remove the corrosion protection ahead of the initial filling. Fill gears in a way that all the functional surfaces for sure transport the grease. Fill bearings in a way that all the functional surfaces for sure get the grease. Observe the instructions of the gear- bearing or machine manufacturer. Relubrication with automatic lubrication system or with a brush or spatula. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Only mix with appropriate lubricants.



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Packaging

- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

Technical Data

| | Standard | Conditions | Unit | Value |
|---|------------------------|--------------|--------------------|-------------------------|
| Main components | | | | |
| base oil | | | | polyalphaolefine |
| thickener | | | | aluminium-complex soap |
| Application related technical data | | | | |
| marking | analogue to DIN 51 502 | | | GPHC00K-40 |
| marking | analogue to DIN 51 502 | | | KPHC00K-40 |
| viscosity at (40°C) | DIN 51 562-1 | base oil | mm ² /s | 160 |
| viscosity at (100°C) | DIN 51 562-1 | base oil | mm ² /s | 21 |
| drop point | DIN ISO 2176 | | °C | > 220 |
| consistency | DIN 51 818 | DIN ISO 2137 | NLGI grade | 0-00 |
| worked penetration | DIN ISO 2137 | 60DH | 0.1 mm | 370-430 |
| lower operating temperature | | | °C | -45 |
| upper operating temperature | | | °C | 120 |
| colour | | | | light yellow |
| density (at 20°C) | DIN 51 757 | | g/cm ³ | 0.85 |
| DN value (dm x n) | | | mm/min | 500,000 |
| FZG wear protection test | DIN 51 354 T2 | A2/76/50 | power level | 11 |
| Properties and approvals | | | | |
| approval for food processing technology | | | | NSF H1, Reg.-Nr. 140485 |

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