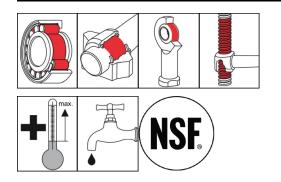




OKS 479

High-Temperature Grease, for Food Processing Technology



Description

OKS 479 is a fully synthetic grease for food processing technology that is used to lubricate rolling and friction bearings as well as other machine elements under increased operating temperatures.

Applications

- Lubrication of rolling and friction bearings, joints, linear drives, guides
- For the lubrication of fittings, seals, moulded parts and elements of elastic rubber materials in the hot- and coldwater segment

Branches

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

Advantages and benefits

- NSF H1 registered
- Can be used universally due to good high-temperature properties, long-term lubricating effect and good adhesive strength on metal surfaces
- Resistant to hot and cold water, water vapour, watery-alkaline and acidic disinfectants and cleaning agents
- · High resistance to oxidation and ageing

Application tips

Clean the lubricating points well for optimal effect. Before filling for first time, remove anti-corrosion agent. Fill the bearing such that all functional surfaces are certain of being greased. Fill normal bearings up to about 1/3 of the free space inside the bearing. Low-speed bearings (DN value below 50,000) and their housings should be filled completely. In as far as available, the bearing and machine manufacturer's instructions should be observed. Subsequent lubrication at the lubrication nipples by grease gun or by automatic lubrication system. Assess the lubrication frequency and quantity on the basis of the service conditions. If old grease cannot be removed, restrict the quantity of grease so as to avoid over-lubricating the bearing. If lubrication frequencies tend to be low, you should aim for a full grease change. Caution: Only mix with suitable lubricants.









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High-Temperature Grease, for Food Processing Technology

Packaging

400 ml Cartridge5 kg Hobbock1 kg Can25 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 | DIN 51 825 | | KPHC1K-30 |
| viscosity (at 40°C) | DIN 51 562-1 | base oil | mm²/s | 360 |
| viscosity at (100°C) | DIN 51 562-1 | base oil | mm²/s | 37 |
| drop point | DIN ISO 2176 | | °C | > 230 |
| consistency | DIN 51 818 | DIN ISO 2137 | NLGI grade | 1 |
| worked penetration | DIN ISO 2137 | 60DH | 0.1 mm | 310-340 |
| lower operating temperature | DIN 51 805 | ≤ 1,400 hPa | °C | -35 |
| upper operating temperature | DIN 51 821-2 | F50 (A/1500/6000), > 100h | °C | 160 |
| colour | | | | beige |
| density (at 20°C) | DIN EN ISO 3838 | | g/cm³ | 0.9 |
| water resistance | DIN 51 807-1 | 3h/90°C | Degree | 1-90 |
| DN value (dm x n) | | | mm/min | 500,000 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 2,200 |
| SKF-EMCOR | DIN 51 802 | 7 days, distilled water | corr. degree | 1 |
| Properties and approvals | | | | |
| UFI | | | | |
| approval for food processing technology | | | | NSF H1, RegNr. 135675 |

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