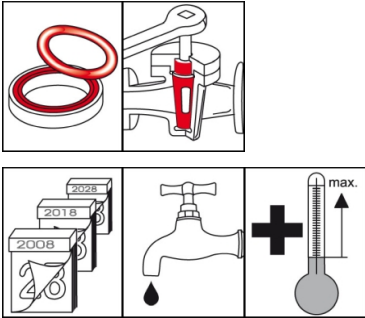


OKS 1111

Multi-Silicone Grease, Spray



Description

Waterproof silicone grease for fittings, seals and plastic parts.

Applications

- Sealant and lubricant for cold and hot-water valves in plumbing and heating sector, in vehicle heating systems or cooling circuits, ground seals on glass taps and desiccators
- For lubricating O-rings and rubber seals during assembly and operation, as well as plastic parts of all kinds

Branches

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

Application tips

For optimum effect, carefully clean the lubricating point, e.g. with OKS 2610/OKS 2611 universal cleaner. Spray directly onto lubricating point and let the solvent evaporate. Avoid excesses. Observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants. Bearings lubricated with silicone grease may only be stressed to about 1/3 of the permissible bearing load. Plastic based on silicone, for example silicone rubber can be attacked by silicone grease. Silicone grease may not be used at sliding points under pure oxygen influence.

Packaging

- 400 ml Spray

Advantages and benefits

- Highly effective due to excellent adhesion on all materials
- Neutral behaviour with regard to plastics and elastomers
- Consistent properties without drying out, hardening or bleeding
- Resistant to cold and hot water, as well as acetone, ethanol, ethylene glycol, glycerine and methanol

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Multi-Silicone Grease, Spray

Technical data

| | Standard | Conditions | Unit | Value |
|---|-----------------|--------------|--------------------|---------------------|
| Main components | | | | |
| base oil | | | | silicone oil |
| thickener | | | | inorganic |
| Application related technical data | | | | |
| marking | DIN 51 502 | DIN 51 825 | | MSI3S-40 |
| Viscosity base oil | DIN 51 562-1 | at 40°C | mm ² /s | 9,500 |
| Viscosity base oil | DIN 51 562-1 | at 100°C | mm ² /s | 3,800 |
| drop point | DIN ISO 2176 | | °C | without |
| consistency | DIN 51 818 | DIN ISO 2137 | NLGI grade | 3 |
| unworked penetration | DIN ISO 2137 | | 0.1 mm | 180-210 |
| flow pressure | DIN 51 805 | -40°C | mbar | < 100 |
| flow pressure | DIN 51 805 | 20°C | mbar | 50 |
| oil separation | DIN 51 817 | 18h/40°C | percent in weight | 0.86 |
| oil separation | DIN 51 817 | 168h/40°C | percent in weight | 3.46 |
| resistance to oxidation | DIN 51 808 | 100h/99°C | bar | < 0.3 |
| lower operating temperature | | | °C | -40 |
| upper operating temperature | | | °C | 200 |
| colour | | | | transparent |
| density | DIN EN ISO 3838 | at 20°C | g/cm ³ | 0.6 |
| water resistance | DIN 51 807-1 | 90°C | Degree | 0 |
| SKF-EMCOR | DIN 51 802 | | corr. degree | 3-4 |
| Product specific technical data | | | | |
| evaporation loss | DIN 58 397-1 | 30h, 200°C | percent in weight | < 2.5 |
| Properties and approvals | | | | |
| UFI | | | | CPI1-A01K-H00E-4J33 |

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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.