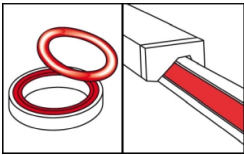


OKS 468

Plastic and Elastomer Adhesive Lubricant



Description

Silicone-free lubricant and sealing lubricant for plastic/plastic and plastic/metal combinations.

Applications

- Silicone-free alternative for the lubrication of O-rings and sealings during assembly.
- Lubrication of plastic parts such as gears, sliding surfaces, etc.

Branches

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

Advantages and benefits

- Excellent adhesion on plastics and metals
- Tasteless and odourless
- Consistent properties without drying out, hardening or bleeding
- NSF H1 registered
- Compatible with plastics (see table)
- Silicone-free
- MOSH/MOAH-free (as per recipe)

| | | | |
|---------------------|-------|---------|-------|
| PP | ✓✓✓✓✓ | PVC | ✓✓✓✓ |
| PC | ✓✓✓✓✓ | NR 40 | ✓ |
| ABS | ✓✓✓✓✓ | CRI/SBR | ✓✓✓ |
| PET | ✓✓✓✓✓ | PE | ✓✓✓✓✓ |
| PS | ✓✓✓✓✓ | SI 50 | ✓✓✓✓✓ |
| EPDM ^[1] | ✓✓✓ | FKM | ✓✓✓✓✓ |
| POM | ✓✓✓✓✓ | PTFE | ✓✓✓✓✓ |

^[1] Discolouration of the grease can occur. A change in the strength of the EPDM could not be established.

- ✓ incompatible
- ✓✓ compatible to a restricted extent
- ✓✓✓ limited compatibility
- ✓✓✓✓ high compatibility
- ✓✓✓✓✓ complete compatibility

Application tips

Clean the lubricating points well for optimal effect. Apply the grease evenly and thinly to the functional surfaces with a brush, spatula, etc. Avoid excesses. Observe the machine manufacturer's instructions. Due to the high number of polymers and elastomers used we highly recommend that you always carry out tests beforehand at critical applications. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

OKS 468

Plastic and Elastomer Adhesive Lubricant

Packaging

- 1 kg Can
- 5 kg Hobbock

Technical data

| | Standard | Conditions | Unit | Value |
|---|-----------------|------------|--------------------|---|
| Main components | | | | |
| base oil | | | | polyalphaolefine |
| thickener | | | | inorganic |
| Application related technical data | | | | |
| viscosity at (40°C) | DIN 51 562-1 | base oil | mm ² /s | 1,700 |
| unworked penetration | DIN ISO 2137 | | 0.1 mm | 290-330 |
| lower operating temperature | | | °C | -25 |
| upper operating temperature | | | °C | 150 |
| colour | | | | transparent |
| density (at 20°C) | DIN EN ISO 3838 | | g/cm ³ | 0.84 |
| Properties and approvals | | | | |
| approval for food processing technology | | | | NSF H1, Reg.-Nr. 135591 |

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

+49 8142 3051 - 500

info@oks-germany.com

www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark
Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
 Our Customer and Technical service will be pleased to help should you have any further questions.