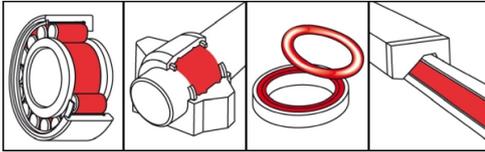


## OKS 478 Plastic and Elastomer Grease



### Description

Silicone-free lubricating and sealing grease for plastic/plastic and plastic/metal combinations.

### Applications

- For the lubrication of machine parts under high mechanical loads
- Silicone-free alternative for the lubrication of O-rings and sealings during assembly
- For the lubrication of plastic/plastic and plastic/metal combinations, e.g. beverage can holders in the automotive industry

### Branches

- Catering equipment and food processing technology
- Rubber and plastic processing
- Paper and packaging industry

### Application tips

For optimum effect clean thoroughly the lubrication point, e.g. with OKS 2610 / 2611 Universal Cleaner where possible. Apply a thin layer of grease with brush, spatula etc. on the functional area. Avoid excess. Instructions of the bearing and machine manufacturer have to be observed. Due to a multitude of used polymers we strongly recommend to make tests in critical applications prior to use. Relubrication interval and amount has to be defined acc. to the service conditions. Mix with appropriate lubricants only.

### Packaging

- 400 ml Cartridge
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

### Advantages and benefits

- High shear stability
- Excellent adhesion on plastics and metals
- Compatible with plastics (see table OKS 468)
- Constant properties without drying, hardening or bleeding
- NSF H1 registered
- Silicone-free
- MOSH/MOAH-free (as per recipe)

# OKS 478

## Plastic and Elastomer Grease

### Technical data

|   | Standard               | Conditions        | Unit               | Value                                   |
|---|------------------------|-------------------|--------------------|---|
| <b>Main components</b>                    |                        |                   |                    |   |
| base oil                                  |                        |                   |                    | polyalphaolefine                        |
| thickener                                 |                        |                   |                    | inorganic                               |
| <b>Application related technical data</b> |                        |                   |                    |   |
| marking                                   | analogue to DIN 51 502 |                   |                    | MHC3S-40                                |
| Viscosity base oil                        | DIN 51 562-1           | at 40°C           | mm <sup>2</sup> /s | > 1,700                                 |
| consistency                               | DIN 51 818             | DIN ISO 2137      | NLGI grade         | 3                                       |
| worked penetration                        | DIN ISO 2137           | 60 double strokes | 0.1 mm             | 220-250                                 |
| lower operating temperature               |                        |                   | °C                 | -40                                     |
| upper operating temperature               |                        |                   | °C                 | 200                                     |
| colour                                    |                        |                   |                    | beige                                   |
| density                                   | DIN EN ISO 3838        | at 20°C           | g/cm <sup>3</sup>  | 0.88                                    |
| water resistance                          | DIN 51 807-1           | 90°C              |                    | 0                                       |
| <b>Properties and approvals</b>           |                        |                   |                    |   |
| approval for food processing technology   |                        |                   |                    | <a href="#">NSF H1, Reg.-Nr. 129960</a> |

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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.