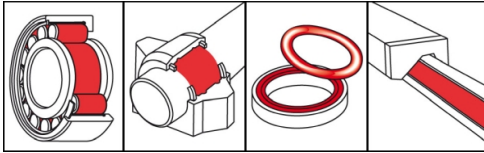


OKS 478 Plastic and Elastomer Grease



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
Main components				
base oil				polyalphaolefine
thickener				inorganic
Application related technical data				
marking	analogue to DIN 51 502			MHC3S-40
Viscosity base oil	DIN 51 562-1	at 40°C	mm ² /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 ³	0.88
water resistance	DIN 51 807-1	90°C		0
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 129960

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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.