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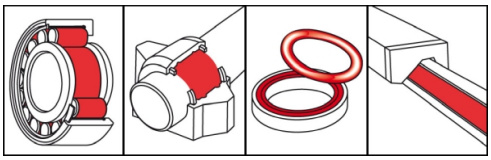
OKS 478

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

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)

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

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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	mm²/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/cm³	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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