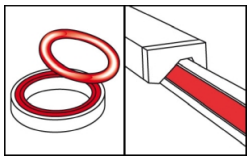
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OKS 468
Plastic and Elastomer Adhesive Lubricant



pro plastic
MOSH MOAH
Formulated without MOSH/MOAH
NSF

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
- Formulated without MOSH/MOAH

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.

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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 base oil	DIN 51 562-1	at 40°C	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	DIN EN ISO 3838	at 20°C	g/cm^3	0.84
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 135591

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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.

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