



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

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

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)
- MOSH/MOAH-free
- Silicone-free

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.

Packaging

- 1 kg Can
- 5 kg Hobbock



OKS 468
Plastic and elastomer adhesive lubricant

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
 Phone: +49 (0) 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
Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com. Our Customer and Technical service will be pleased to help should you have any further questions.