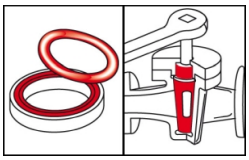
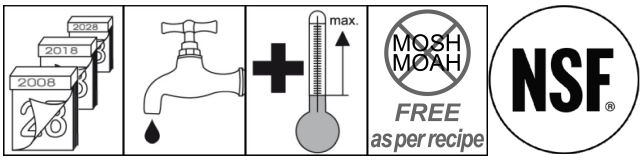
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 1110

Multi-Silicone Grease





Description

Highly adhesive transparent silicone grease for fittings, seals and plastic parts.

Applications

- Sealant and lubricant for cold and hot-water valves in vehicle heating systems or cooling circuits and for ground seals on glass taps and desiccators
- Lubrication of O-rings and rubber seals for assembly and during operation
- Lubrication of plastic parts

Branches

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

Advantages and benefits

- NSF H1 registered
- Tasteless and odourless
- Highly effective due to excellent adhesion on all materials
- Neutral behaviour with regard to plastics and elastomers
- Completely EPDM-compatible
- High long-term stability without drying out, hardening or bleeding
- Resistant to cold and hot water, as well as acetone, ethanol, ethylene glycol, glycerine and methanol
- MOSH/MOAH-free (as per recipe)

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. In as far as available, observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants. Caution: Plastic based on silicone, such as silicone rubber can be attacked by silicone grease. Silicone grease may not be used at sliding points under pure oxygen influence.

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Packaging

- 10 ml Tube
- 80 ml Tube
- 400 ml Cartridge
- 4 g Tube
- 500 g Can
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock
- 180 kg Drum

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polydimethylsiloxane
thickener				inorganic
Application related technical data				
marking	DIN 51 502	DIN 51 825		MSI3S-40
viscosity (base oil)	DIN 51 562-1	at 40°C	mm²/s	9,500
viscosity (base oil)	DIN 51 562-1	at 100°C	mm²/s	3,800
drop point	DIN ISO 2176		°C	without
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	3
unworked penetration	DIN ISO 2137		0.1 mm	175-220
flow pressure	DIN 51 805	-40°C	mbar	< 100
flow pressure	DIN 51 805	20°C	mbar	50
oil separation	DIN 51 817	18h/40°C	percent in weight	<0.01
oil separation	DIN 51 817	168h/40°C	percent in weight	<0.05
resistance to oxidation	DIN 51 808	100h/99°C	bar	< 0.3
lower operating temperature			°C	-40
upper operating temperature			°C	200
colour				transparent
density	DIN EN ISO 3838	at 20°C	g/cm³	0.96
water resistance	DIN 51 807-1	90°C	Degree	0-90
SKF-EMCOR	DIN 51 802		corr. degree	3-4
Product specific technical data				
evaporation loss	DIN 58 397-1	30h, 200°C	percent in weight	< 2.5
Properties and approvals				
UFI				3DQ2-V05Q-X009-9JGX
approval for food processing technology				NSF H1, Reg.-Nr. 124381
drinking water approval	UBA guideline (D)			test certificate OFI-1085-753
drinking water approval	ACS-conformity to positive lists (F)			test certificate 22 CLP LY 24
Tested for beer foam compatibility				approval of the BPV Weihenstephan

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