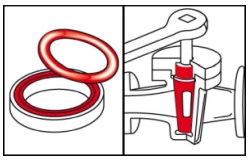
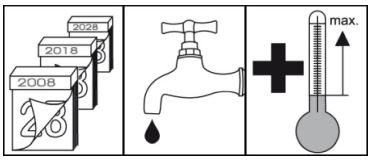
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 1111

Multi-Silicone Grease, Spray





Description

Waterproof silicone grease for fittings, seals and plastic parts.

Applications

- Sealant and lubricant for cold and hot-water valves in plumbing and heating sector, in vehicle heating systems or cooling circuits, ground seals on glass taps and desiccators
- For lubricating O-rings and rubber seals during assembly and operation, as well as plastic parts of all kinds

Advantages and benefits

- Highly effective due to excellent adhesion on all materials
- Neutral behaviour with regard to plastics and elastomers
- Consistent properties without drying out, hardening or bleeding
- Resistant to cold and hot water, as well as acetone, ethanol, ethylene glycol, glycerine and methanol

Branches

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

Application tips

For optimum effect, carefully clean the lubricating point, e.g. with OKS 2610/OKS 2611 universal cleaner. Spray directly onto lubricating point and let the solvent evaporate. Avoid excesses. Observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants. Bearings lubricated with silicone grease may only be stressed to about 1/3 of the permissible bearing load. Plastic based on silicone, for example silicone rubber can be attacked by silicone grease. Silicone grease may not be used at sliding points under pure oxygen influence.

Packaging

- 400 ml Spray

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				silicone oil
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	180-210
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	0.86
oil separation	DIN 51 817	168h/40°C	percent in weight	3.46
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	0.6
water resistance	DIN 51 807-1	90°C	Degree	0
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				CPJ1-A01K-H00E-4J33

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