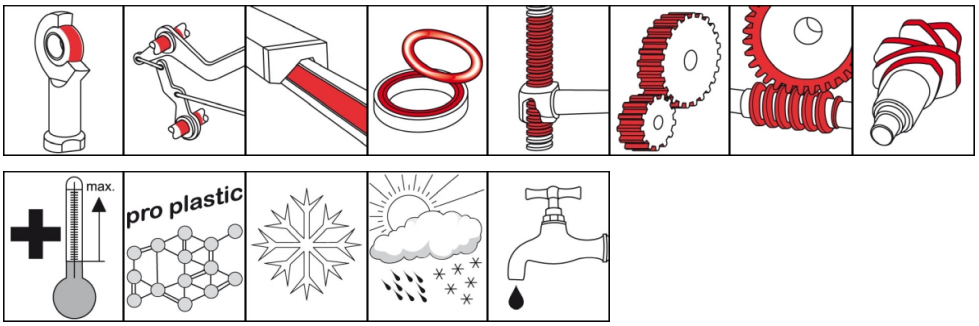
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OKS 1155
Adherent Silicone Grease



Description

OKS 1155 is a strongly adherent silicone grease for lubrication of plastics and elastomers.

Applications

- Lubrication of sliding points between metals, plastics and elastomers to each other and with each other at low sliding speeds with an increased sealing effect, e.g. lubrication of O-rings in pneumatic systems of brake systems

Advantages and benefits

- Highly effective due to an optimum of highly adhesive silicone grease formula
- Broad range of uses outside normal grease performance range
- Broadband lubricating grease with good sealing properties

Branches

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

Application tips

For best results, clean lubricant points and surfaces carefully, e.g. with OKS 2610 or OKS 2611 universal cleaner. Remove the corrosion protection ahead of the initial filling. Fill the bearings in a way that all the functional surfaces for sure get the grease. Slow moving bearings(DN-value < 50,000) should be filled completely, normal moving bearings should be filled to 1/3 of the free inner housing space, high-speed bearings (DN value > 400,000) up to about 1/4. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Only mix with appropriate lubricants. Bearings filled with silicon grease must not have higher loads than 1/3rd of the bearing´s permitted load. Silicone-based plastics, e.g. silicone rubber, can be dissolved by silicone grease. Silicone grease must not be applied to sliding surfaces under influence of pure oxygen.

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Packaging

- 500 g Can
- 5 kg Hobbock
- 25 kg Hobbock

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				ester
base oil				polyphenylmethylsiloxane
thickener				lithium hydroxystearate
Application related technical data				
marking	DIN 51 502	DIN 51 825		MSI2R-60
Viscosity base oil	DIN 51 562-1	at 25°C	mm^2/s	100
drop point	DIN ISO 2176		°C	205
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	260-300
oil separation	DIN 51 817	18h/40°C	percent in weight	0.9
resistance to oxidation	DIN 51 808	100h/99°C	bar	< 1.0
lower operating temperature			°C	-65
upper operating temperature			°C	175
colour				beige
density	DIN EN ISO 3838	at 20°C	g/cm^3	1.1
SKF-EMCOR	DIN 51 802		corr. degree	0
Properties and approvals				
UFI				U8X1-N075-V007-EMRT

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