

SILICON GREASE-100

DESCRIPTION

SILICON GREASE-100 is non-melting heavy consistency grease specially designed with nontoxic materials, offers good resistance to solvents, no harm for plastics or rubbers, good adhesive sealant, non-melting. Suitable for lubrication in valves used in chemical industries and hot and cold-water lines. This grease excellent thermal stability, Water repellency, Dielectric application chemical inertness and maintains its consistency over a wide temperature range. It has exceptional sealing ability which makes this grease ideal for vacuum & pressure system handling equipment's. In addition, this grease is useful as lubricants for plastic, Rubber to Plastic & Rubber to Metal assemblies. Also, it is used as releasing agent in epoxy, Polyester, PVC & Polystyrene moldings.

APPLICATIONS

- Recommended for applications where continuous high temperatures or intermittent very high temperatures are experienced. The maximum usable temperature for Hi-Temp Grease for extended service of Wide operating temperature range: -40oC to 260oC (-58 to 384 oF).
- It can also be used in ambient temperature applications such as roll neck bearings where high resistance to water washing is needed.
- It is recommended for versatile application for plastic, Rubber to Plastic & Rubber to Metal assemblies. Also, it is used as releasing agent in epoxy, Polyester, PVC & Polystyrene moldings, O- Rings, packing's and rubber assemblies

ADVANTAGES & BENEFITS

- This grease excellent thermal stability, Water repellency, Dielectric application chemical inertness and maintains its consistency over a wide temperature range.
- It has exceptional sealing ability which makes this grease ideal for vacuum & pressure system handling equipment's.

Typical Properties

Property	Value
NLGI Grade	2
Color	Translucent White
Base Oil Type	Silicone
Bleed, % (24 hrs. @ 200°C)	0.5
Viscosity @ 25°C	180
Drop Point	Does not drop
Worked Penetration	220
Operating Range	-40°C to 260°C (-58°F to 384°F)
Evaporation, % loss (24 hrs. @ 200°C)	2
4-Ball Weld Load (kg)	250

The values above are typical values. They do not constitute any contractual commitment. Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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Page : 2/2

SLK ENTERPRISES

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