SAPPHIRE AQUA-SIL HI-LOAD

Silicone grease, with molybdenum disulphide, for long term lubrication at extreme temperatures.

Designed for the lubrication of slow speed bearings, slides, stenter width adjustment spindles, 'o' rings etc... . The grease has a high dielectric strength, is resistant to chemicals, oils and gases and can be used as an electrical insulating and filling compound.

FEATURES

- Temperature range –40^{0}C to 200^{0}C (220^{0}C short periods)
- Good resistance to chemicals, oils, water and gases
- Does not affect most rubbers and plastics
- Suitable for use as an electrical insulating and filling compound
- For use with both hot and cold potable water.
- Water Regulations Advisory Scheme – Approved Product.

DIRECTIONS FOR USE

- Apply manually or with a suitable applicator capable of handling NLGI No. 3/4 silicone greases
- It is recommended that bearings be purged of previous lubricants before application

Technical and Safety Data Sheets are available from:

Fax Back Facility : +44 (0)113 232 2770
Web Site : www.rocol.com
Customer Service : +44 (0)113 232 2700

ROCOL Lubricants

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: +44 (0)113 232 2600 Fax: +44 (0)113 232 2760

www.rocol.com

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There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

TECHNICAL DATA

SAPPHIRE AQUA-SIL HI-LOAD

TECHNICAL DATA (typical values)

Appearance	Smooth grey/black grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 3/4
Base type	Silicone
Thickener	Inorganic colloid
Solids	Molybdenum disulphide
Temperature range	-40^{0}C to 200^{0}C (220^{0}C short periods)
Base fluid viscosity at 40^{0}C	700 cSt
Base fluid viscosity at 100^{0}C	380 cSt
Evaporation Loss - 24hrs @ 100ºC	<0.5%
Oil separation (IP 121) 24hrs @ 100ºC	<2.5%
Resistance to water (DIN51807)	Fully resistant; '0' Rating
Oxidation resistance (Pressure drop)(IP142)	Less than 1psi
Corrosion tests 24hrs @ 100ºC Copper (IP112)	No stain
Dielectric strength	30 kv/mm
Volume Resistivity	3 x 10^{11} ohm/m
DmN factor	100,000
Storage	Storage temperature should be controlled to between 1 and 40 °C.
Pack sizes	500g, 5kg, 50kg

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