

Performance you can trust

SAPPHIRE® Aqua Sil

Silicone grease 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°C to 200°C (220°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 applying ROCOL SAPPHIRE AQUA-SIL

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ROCOL A division of **ITW** Ltd



BS EN ISO 9001
Certificate No. FM 12448



BS EN ISO 14001
Certificate No. EMS 67596



OHSAS 18001
Certificate No. OHS 78173



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SAPPHIRE® Aqua-Sil

Appearance	White translucent grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 3/4
Worked penetration	190-250
Base type	Silicone
Thickener	Inorganic colloid
Temperature range	-40 ⁰ C to 200 ⁰ C (220 ⁰ C short periods)
Base fluid viscosity at 40⁰C	700 cSt
Base fluid viscosity at 100⁰C	380 cSt
Evaporation Loss - 24hrs @ 100⁰C	<0.5%
Oil separation (IP 121) 24hrs @ 100⁰C	<2.5%
Resistance to water (DIN51807)	Fully resistant; '0' Rating
Oxidation resistance (Pressure drop)(IP142)	Less than 1psi
Corrosion tests 24hrs @ 100⁰C Copper (IP112)	No stain
Dielectric strength	30 kv/mm
DmN factor	100,000
Storage	Storage temperature should be controlled to between 1 and 40 ⁰ C.
Pack sizes	85g – p/c 12251 500g – p/c 12253 5kg – p/c 12256

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