

RENOLIT SI 400 L

Description

RENOLIT SI 400 L is a non aging, lithium-soap thickened grease, based on an particularly heat stable methyl-phenyl-silicone oil with excellent low temperature properties. This guarantees a temperature range of -30°C up to +180°C and for a short time even higher temperatures.

RENOLIT SI 400 L has excellent high and cold temperature properties. It is highly resistant to aging and offers excellent water- and mineral oil stability. Other features are: good compatibility with elastomers (except e.g. silicone rubber) and plastics, good film forming capacity, particular with regard to non metallic materials, good dielectric properties, physiological indifference and low evaporation loss.

Application

RENOLIT SI 400 L is suitable for slightly to normally loaded roller and friction bearings in electric motors, for joints, conveyor chains, ventilators, dryers, controlling equipment, and household appliances.

RENOLIT SI 400 L guarantees a good lubrication to metal / plastic parings.

The lubrication with RENOLIT SI 400 L protects screw fittings.

Characteristics

| Properties | Unit | Data | Test method |
|---|--------|------------------------------|------------------------------|
| Classification | - | KSI 1 R-30 ISO-L-X-EFEA-2 | DIN 51 502 DIN ISO 6743-9 |
| Colour | - | white | - |
| Thickener | - | lithium-soap | - |
| Dropping point | °C | > 210 | IP 396 |
| Worked penetration (Pw 60) | 0.1 mm | 290 - 330 | DIN ISO 2137 |
| NLGI-grade | - | 1 | DIN 51 818 |
| Water resistance | - | 1 - 90 | DIN 51 807-1 |
| Flow pressure at +20 °C at -20 °C at -40 °C | hPa | < 150 < 300 < 1400 | DIN 51 805 |
| Oil separation, 18h / 40°C | % | < 1,0 | DIN 51 817 |
| Temperature range Short-term | °C | -30 up to +180 +200 | DIN 51 825 |

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Produkt Information



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