



BOTE Silicone Grease

Product Description:

BOTE Silicone Grease is a custom-blended silicone grease based on lithium soap. It has a much wider range of operating temperature, which is low to -60°C and high to $+180^{\circ}\text{C}$. Its high oxidation, low evaporation, resistant to moisture and corrosion made it used in many fields. It is also very stable in the presence of hot and cold water as well as most acids and alkalis.

Product Properties:

- 1、Wide service temperature range: $-60^{\circ}\text{C} \sim +180^{\circ}\text{C}$
- 2、High Viscosity Index
- 3、Stable to oxidation , especially for long-run lubrication
- 4、Good water resistant and shear stability
- 5、Excellent rust protection
- 6、Very compatible with many plastics

Fields of Application:

BOTE Silicone Grease mainly used in low-loaded and low to medium speeds applications. Specially suitable for metal/metal and metal/plastic pairings. And it can be used in bearings which need extreme low temperature, such as Freezer cart casters and cold room conveyor equipment, Utility disconnect switch contacts, Plastic electric clock motors, Maximum-demand meters, power-factor meters, watt-hour meters, Windshield wiper motor gears, Photographic, optical and surveying equipment, Oscillographs, geophysical and light, low-torque instruments, Starter clutch drives etc.

Shanghai PingYiao Trading Co.,Ltd

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Typical Data

Colour	Off White
BaseOil	Phenylmethyl silicone oil
Thickner	Lithium Soap
Base Oil Viscosity @ 25°C, mm ² /s	100 mm ² /s
NLGI	2
Penetration, worked 60 strokes, mm	260-300
Service Temperature ² Degrees C (F)	-60 °C to +180 °C
Drop Point Degrees C (F)	226 °C
Oil Separation (Standard Test, 7 days at 40°C)	1.6
Specific Gravity @25°C (77°F)	0.97
Oxidation Resistance, pressure drop 100hr, 99°C (210°F) bar (psi)	0.4
4 ball weld load, N (kg)	1200(122)

Available Package:

BOTE Silicone Grease 1Kg Can

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