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ISO 9001 / 14001 / TS 16949 / QS 9000 / NT Mark

## CASMOLY SG-1 / SG-2

SPECIAL SILICONE GREASE

⊙ Description

CASMOLY SG-1/SG-2 shows good oxidation stability and low evaporation rate based on silicone oil and special lithium thickeners

They also have an excellent low temperature property and make starting easy in freezing environment.

They are also inert, and have good shear stability, and are applicable at high temperature.

⊙ Characteristic

- Excellent high and low temperature property
- Resistant to oxidation, moisture and corrosive atmospheres
- Good compatibility with plastic and rubber materials
- Service temperature: -60°C ~ +170°C

⊙ Main Ingredients

- Lithium soap thickener, silicone oil

⊙ Application

- Electric clock motors
- Freezer car casters and cold room conveyor equipment
- Maximum-demand meters, power-factor meters, watt-hour meters
- Windshield wiper motor gears
- Photographic, optical and surveying equipment

⊙ Packing

- 1KG/CAN
- 15KG/PAIL

⊙ Typical Properties

Test Items	CASMOLY SG-1	CASMOLY SG-2	Test Method
Appearance	Milky White	Milky White	-
Worked Penetration (25°C)	290~320	265~295	ASTM D 217
Dropping Point (°C)	Min. 190	Min. 190	ASTM D 566
Oil Separation (wt%)	Max. 3.0	Max. 3.0	ASTM D 6184
Copper strip corrosion	Max. 1b	Max. 1b	ASTM D 4048
Oxidation stability, (kg/cm <sup>2</sup> )	Max. 0.3	Max. 0.3	ASTM D 942
Low Temperature Torque test (-30°C, gf.cm)	Starting	Max. 1,000	ASTM D 1478
	Running	Max. 500	

\*ASTM: American Society for Testing & Materials.

☞ All values are not intended for use in preparing specifications.