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

CASMOLY GL-740

Grease for hinge of LCD monitor/laptop

○ Description

CASMOLY GL-740 is designed for various hinges grease based on lithium soap and high-refined mineral oil. It provides much better performance under low temperature than general mineral oil based greases. It has also excellent anti-wear property and high load capacity due to special additives and prevents polluting other parts due to low oil spread.

This grease does not make electrical problems because it has no silicone materials.

○ Characteristic

- Good anti-wear property
- Long term lubrication
- No effects on plastic materials
- Service Temperature: -30°C ~ +150°C

○ Main Ingredients

- Highly refined mineral oil
- Lithium soap
- White solid lubricants, PTFE

○ Application

- Hinge of LCD monitor/laptop
- Hinge of Electronics, precision instruments, audio equipments, office machines, home appliance
- Plastic, plastic/metal, metal/metal parts under medium & heavy load

○ Packing

- 1KG/CAN
- 15KG/PAIL

○ Typical Properties

Test Items	CASMOLY GL-740	Test Method
Appearance	White	-
Worked Penetration (25°C)	290~320	ASTM D 217
Dropping Point (°C)	Min. 200	ASTM D 566
Oil Separation (wt%)	Max. 5.0	ASTM D 6184
Evaporation Loss (wt%)	Max. 0.4	ASTM D 972
Copper strip corrosion	Max. 1a	ASTM D 4048
Four Ball E.P. (kg)	Min. 250	ASTM D 2596
Four Ball wear (mm)	Max. 0.6	ASTM D 2266
Low Temperature Torque test (-30°C,gf.cm)	Starting	Max. 3,000
	Running	Max. 1,500
		ASTM D 1478

*ASTM: American Society for Testing & Materials.

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