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

CASMOLY ML-07

Grease for Door lock

⊙ Description

CASMOLY ML-07 is designed for door lock system based on PAG synthetic oil. It has good high temperature stability than other same kinds of grease and its properties are changeless. It has also good water resistance and noise reduction for the lubrication of plastic and rubber due to PAG synthetic oil of non water soluble. Its anti-wear and anti-load properties help durability of the applied parts.

⊙ Characteristic

- Material stability
- High temp. and oxidation stability
- Water resistance and lubrication
- Service temperature: -40°C ~ +150°C

⊙ Main Ingredients

- Synthetic oil (PAG)
- Lithium soap thickener
- Special additives
- PTFE

⊙ Application

- Door Latch for Automotive
- Door lock system for Automotive
- Trunk latch(lid) for Automotive
- Parts requiring compatibleness with rubber and resin material

⊙ Packing

- 15KG/PAIL

⊙ Typical Properties

Test Items	CASMOLY ML-07	Test Method
Appearance	Green	-
Unworked penetration (25°C)	265~295	ASTM D 217
Dropping Point (°C)	Min. 190	ASTM D 566
Oil Separation (wt%)	Max. 5.0	ASTM D 6184
Evaporation loss (wt%)	Max. 0.5	ASTM D 972
Copper Strip Correction	Max. 1a	ASTM D 4048
Four Ball E.P. (kg)	Min. 160	ASTM D 2596
Four Ball wear (mm)	Max. 0.8	ASTM D 2266
Water resistance	Max. Grade 1	DIN 51807
Low Temperature Torque test (-40°C,gf.cm)	Starting	Max. 4,000
	Running	Max. 2,000
		ASTM D 1478

*ASTM: American Society for Testing & Materials.

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