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

CASMOLY MS-243

Grease for Fortified E.P. Property

○ Description

CAMOLY MS-243 is based on synthetic oil, thickened by silica with several kinds of additives. It has excellent oxidation stability and heat resistance. It provides a wide service range for running and working on slides.

CASMOLY MS-243 gives also a good EP and anti-wear property. It is available to apply to bearing and gear under low & high load. Also, it prevents polluting other parts due to low oil spreading.

○ Characteristic

- Excellent heat & water resistance
- Good oxidation stability
- Compatibility with plastic materials
- Wide range of temperature
- E.P. and anti-wear properties
- Service temperature: -40°C ~ +180°C

○ Main Ingredients

- Synthetic oil
- Silica thickener
- MoS₂

○ Application

- Lubrication under wide temperature range
- Bearing and gear under low & high load
- Parts requiring adhesion
- Brake shoe

○ Packing

- 15KG/PAIL

○ Typical Properties

Test Items	CASMOLY MS-243	Test Method
Appearance	Black	-
Unworked Penetration (25°C)	240~270	ASTM D 217
Dropping Point (°C)	Min. 250	ASTM D 566
Oil separation (wt%)	Max. 2.0	ASTM D 6184
Evaporation Loss (wt%)	Max. 0.5	ASTM D 972
Copper Strip Corrosion	Max. 1a	ASTM D 4048
Oxidation Stability (kg/cm ²)	Max. 0.3	ASTM D 942
Water Washout (wt%)	Max. 8.0	ASTM D 1264
Four Ball wear (mm)	Max. 0.7	ASTM D 2266
Four Ball E.P. (kg)	Min. 200	ASTM D 2596
Low Temperature Torque test (-40°C gf.cm)	Starting	Max. 5,500
	Running	Max. 3,000
		ASTM D 1478

*ASTM: American Society for Testing & Materials.

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