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CASMOLY CSG-100

Calcium Sulfonate Grease

⊙ Description

CASMOLY CSG-100 is based on high refined mineral oil and the thickener is calcium sulfonate.

It can make to solve many problems which most grease has.

It is applied for parts requiring extreme pressure, anti-wear and anti-corrosion and it has excellent stability especially for mechanism under moisture and high temperature.

It is very good for environment attraction.

⊙ Characteristic

- Excellent anti-corrosion property
- Excellent extreme pressure and anti-wear property
- Good thermal stability and water resistance
- Service temperature: -40°C ~ +280°C (For short period 320°C)

⊙ Main Ingredients

- High refined mineral oil
- Calcium Sulfonate

⊙ Application

- Steel/iron industries
- Paper/corrugated cardboard industries
- Sea equipments and steel/iron works

⊙ Packing

- 15KG/PAIL
- 180KG/DRUM

⊙ Typical Properties

Test Items	CASMOLY CSG-100	Test Method
Appearance	Brown	-
Worked Penetration(25°C)	265~295	ASTM D 217
Dropping point(°C)	>280	ASTM D 566
Evaporation loss wt%	0.14	ASTM D 972
Oil separationwt%	0.1	ASTM D 6184
DN factor, mm/min	200,000	-
Copper strip corrosion	1a	ASTM D 4048
4 Ball E.P.(kg)	>500	ASTM D 2596
4 Ball Wear(mm)	0.40	ASTM D 2266
Emcor corrosion	Grade 1	DIN 51802
Worked penetration Shear stability after 100,000 strokes	+7	ASTM D 217
Low Temperature Torque test (-30°C,gf.cm)	Starting	2,730
	Running	1,820
		ASTM D 1478

*ASTM: American Society for Testing & Materials.

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