

ERGENE®

Speciality Grease & Oil Lubricants
U.S.A Products

Technical Data Sheet

MOLYBDENUM GREASE

Product Description

- High performance grease intended for the lubricant of slow moving heavily loaded large bearings
- Contains molybdenum disulfide
- Can be used in a wide range of mining industrial and steel

General Characteristic

- Excellent extreme pressure capabilities and resist to shock load
- Excellent water resistance and mechanical stability
- Effective corrosion protection
- High Dropping point

Typical Inspection

ASTM TEST

Items		unit	Test Method	Specification
NLGI Grade		-	-	2
Thickener		-	-	Lithium Complex
Texture		-	-	Smooth
Color		-	-	Grayish Black
Penetration at 25 °C, Worked (60 st)		mm/10	ASTM D 217	265-295
Dropping Point		°C	ASTM D 2265	Min. 250
Water Washout		Wt %	ASTM D 1264	Max. 1.5
Oil Separation		Wt %	ASTM D 6184	Max. 2.0
Copper Corrosion		-	ASTM D 4048	Max. 2b
Oxidation Stability		Kg/cm2	ASTM D 942	Max. 0.5
4-Ball Test Welding Point		Kgf	IP 239	Min. 500
4-Ball Wear Test		mm	ASTM D 2266	Max. 0.6
Base Oil Viscosity	At 40 °C	Cst	ASTM D 445	Min. 440
	At 100 °C			Min. 30
Solid Lubricant		-	-	MoS2