



TECHNICAL DATA SHEET

MOLY P MULTIPURPOSE LITHIUM/CALCIUM EP GREASE

MOLY P multipurpose extreme pressure grease is formulated to provide excellent lubrication to all phases of plant operations. This diverse product utilizes a lithium/calcium 12-hydroxy thickener which provides superior mechanical stability, water resistance, oxidation and corrosion resistance, as well as extreme pressure properties.

Inventory costs are dramatically reduced by the use of MOLY P due to its ability to function so well in many different applications. Electric motor lubrication to extreme pressure applications under severe shock loading, all can benefit from the use of MOLY P.

Consumption reduction over conventional greases is achieved when MOLY P is used correctly, and applied at proper re-lubrication intervals.

MOLY P is formulated with solid lubricants to meet a variety of OEM specifications and to meet the need for high load applications when relubrication is not possible on a regular schedule.

BENEFITS:

- **SOLIDS LUBRICANTS** - resists metal-to-metal contact, protects expensive components, and lowers operating temperatures.
- **EXTREME PRESSURE / ANTIWEAR** - selected additives provide protection against shock loading while reducing friction between moving parts.
- **VERSATILE** - lithium/calcium thickener utilized meets most OEM specifications. Eliminates multiple inventories.
- **WATER-RESISTANT** - forms a barrier to protect critical parts from exposure.

APPLICATIONS:

MOLY P is designed for use in all mining, oil drilling rigs, industrial and automotive applications, bearings and bushings, electric motor bearings, chassis lubrication, and construction equipment.

ASTM #		TYPICAL CHARACTERISTICS
	Grade	2
D-217	Cone Penetration (Worked)	265-295
D-2265	Dropping Point, °F (°C)	>335 (>168)
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	168 17
Gardner Method	Density, lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C)	7.75 0.931
D-2596	Four Ball EP Weld Point, kg	250
D-2266	Four Ball Wear Scar Width, mm	0.50
D-1743	Rust Test	Pass
D-4048 (Modified)	Copper Strip Corrosion for Greases 212°F (100°C) @ 3 hrs	1B
	Thickener Type	Lithium/Calcium
OEM Standard	Low Temperature Pumpability Lincoln Ventmeter @ 400 psi, °F (°C)	20 (-6)
	Moly Solids, % concentration Mill Size <5 microns	3

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Drums	Kegs
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