

Molylube 87M EP Grease

Molylube 87M EP Grease is an aluminum complex multi-purpose grease. It is designed to extend the service life of machine components in the severe duty applications encountered in mining, quarrying, construction, cement and other heavy industries. It is especially effective when used to lubricate the suspension components of heavy-duty equipment such as excavators, dozers, loaders and haul trucks. Molylube 87M EP Grease utilizes a proprietary chemical system to protect machine components against friction and wear under heavy load conditions. Lubricating solids, rust and corrosion inhibitors further enhance the product's performance capabilities.

APPLICATIONS

- Centralized lubrication systems of heavy-duty mobile equipment and excavators
- Heavily loaded anti-friction bearings and plain bearings
- Rolling mill bearings
- Bucket pins, sliding surfaces and grease lubricated track pins

PRODUCT FEATURES

- Reduced friction
- Impact resistant
- Molylube Solids
- Extended lubrication cycles

BENEFITS

- Reduces operating temperature, friction and wear extending component life
- High base oil viscosity resists "squeeze out" during normal and severe operation for improved product retention
- A Bel-Ray proprietary blend of molybdenum disulfide and select graphite reduces operating temperature and wear
- Primary savings are derived from extended lubrication cycles with additional savings resulting from reduced labor and downtime

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TECHNICAL DATA SHEET



Typical Physical Properties		
Property	Test Method	0
Worked Penetration	ASTM D217	370
NLGI Grade		0
Thickener Type		Aluminum Complex
Viscosity @ 40°C, cSt	ASTM D445	150
Viscosity @ 100°C, cSt	ASTM D445	14.87
Dropping Point, °C (°F)	ASTM D2265	237 (458)
Copper Strip Corrosion	ASTM D4048	1B
Reactivity with Water, Part 1	DIN 51807	1
Water Washout, %	ASTM D1264	11
4-Ball EP Test, Weld Load, kg	ASTM D2596	620
Timken EP Test, OK Load, kg (lb)	ASTM D2509	22.7 (50)
Pumpability, Lincoln Ventmeter	US Steel	-18°C < 30 Sec.
Rust Protection	ASTM D1743	Pass
EMCOR Rust Protection	ASTM D6138	1,1
Color		Gray

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