



Molyube[®] Mill Gear Compound

PRODUCT DESCRIPTION

Bel-Ray[®] Molyube[®] Mill Gear Compound is a high viscosity, open gear lubricant designed for shovel dipper sticks, kilns and mills. This product forms a strong, tenacious, paste-like film, providing maximum protection in the load zone while flowing well and draining freely from gear shrouds, greatly reducing consumption. Contains a volatile solvent that ensures fluidity during application. Contains no heavy metal carcinogens or chlorinated solvents. Meets ANSI/AGMA 9005-E02 Specification for minimum viscosity recommendations for open gearing applications, such as intermittent, gravity feed or forced drip lubrication. Approved by Metso Mineral.

Molyube Mill Gear Compound is a high viscosity residual-type open gear lubricant designed for Type 2 open gears. Molyube Mill Gear Compound is fortified with moly and graphite lubricating solids, Extreme Pressure and anti-wear additive for maximum gear protection.

PRODUCT FEATURES and BENEFITS

- Formulated with quick-flashing solvent carriers allows easy application because of enhanced fluidity
- Exceptional lubricant retention due to enhanced adhesion to lubricated surfaces reduces lubricant consumption and cost, minimizing clean-up and disposal.
- Enhanced extreme pressure and anti-wear properties maximizes component useful life helping to reduce replacement part costs and lost production time
- Superior rust and corrosion protection, and water resistant properties
- Environmentally responsible solvent that contains no heavy metals

APPLICATIONS

- Heavily loaded open gears in kilns and mills
- Dipper sticks on mining shovels
- All open gears in mining and industrial operations

DISTRIBUTED BY:

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PRODUCT DATA

Typical Properties		
Property	Test Method	
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	12,769
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	291
Base Fluid Viscosity Index	ASTM D2270	120
Apparent Viscosity @ 25°C, (cP) (Pre-Dilution)	ASTM D2196	106,500
Apparent Viscosity @ 25°C, (cP) (Finished Product)	ASTM D2196	12,500
Flash Point w/ solvent, °C (°F)	ASTM D92	110 (230)
Copper Corrosion, 3 h @ 100°C (Rating)	ASTM D4048	1b
4-Ball EP Test, Weld Load (kgf) (Pre-dilution)	ASTM D2596	>800
4-Ball EP Test, Load-Wear Index (kgf) (Pre-dilution)	ASTM D2596	160
Timken Retention Test, Film Life @ 43 lbs, minutes (Pre-dilution)	US Steel Film Life	18.5
Lubricating Solids Type		Molylube
Color		Black

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com