



# PRODUCT DATA SHEET



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## 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.

### *Applications*

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- ◆ 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

### *Features and Benefits*

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|-------------------------------|---|
| ◆ Reduced friction            | Reduces operating temperature, friction and wear extending component life.  |
| ◆ Impact resistant            | High base oil viscosity resists “squeeze out” during normal and severe operation for improved product retention.                |
| ◆ <i>Molylube Solids</i>      | A Bel-Ray proprietary blend of molybdenum disulfide and select graphite reduces operating temperature and wear.                 |
| ◆ Extended lubrication cycles | Primary savings are derived from extended lubrication cycles with additional savings resulting from reduced labor and downtime. |

### *General Description*

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**Molylube 87M EP Grease** is a heavy-duty, all-weather aluminum complex grease designed for severe service associated with the heavy industry. The innate benefits of the aluminum complex thickener include exceptional thermal and mechanical stability and resistance to water washout. **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.

### *Product No. 301187*

**MOLYLUBE<sup>®</sup> 87M EP GREASE**  
**TYPICAL PROPERTIES**

<b><u>Product No.</u></b>	<b><u>301187</u></b>
<b><u>Old Product No.</u></b>	<b><u>20250</u></b>
NLGI Grade	0
Penetration, worked (60 strokes), ASTM D217, mm/10	370
Thickener Type	Aluminum Complex
Viscosity (Base Fluid), ASTM D445	
@ 40°C, cSt	150
@ 100°C, cSt	14.87
Dropping Point, ASTM D2265, °C (°F)	237 (458)
Copper Strip Corrosion, ASTM D4048 24 hrs @ 100°C, rating	1b
Reactivity with Water, DIN 51 807 Part 1	1
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	11.0
4-Ball EP Test, ASTM D2596 Weld Load, kg	620
Timken EP Test, ASTM D2509, OK Load, kg (lb)	22.7 (50)
Rust Protection, ASTM D1743, rating	Pass
EMCOR Rust Protection, ASTM D6138, rating Distilled Water	1,1
Color	Gray