



# PRODUCT DATA SHEET



## BEL-RAY<sup>®</sup> MOLYLUBE<sup>®</sup> ANTI-SEIZE

**Bel-Ray Molylube Anti-Seize** is a highly concentrated, stable, non-melting Molylube solid compound designed for use in extreme pressure assembly applications.

### *Applications*

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- ◆ Tapping
- ◆ Plug valves
- ◆ Spline shafts
- ◆ Screw threads
- ◆ Assembly lubricant
- ◆ Cams
- ◆ Ways
- ◆ Couplings
- ◆ Lathe centers
- ◆ Sliding surface lubricant
- ◆ Cutting
- ◆ Pipe thread
- ◆ Bolted fits
- ◆ Oversized pins
- ◆ Die set leader pins

### *Features and Benefits*

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- ◆ Contains high percentage of Molylube solids
- ◆ Prevents galling and seizing
- ◆ Excellent lubricant
- ◆ Water/acid/alkali resistant
- ◆ Non-melting solid compounds
- Works well at extremely high- and low temperatures.
- Fewer rejected assemblies.
- Lower unit assembly costs.
- Superior adhesion to metal.
- Wide temperature range applications.

### *General Description*

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**Bel-Ray Molylube Anti-Seize** has a phenomenal capacity for preventing galling and seizure at assembly pressures in excess of 70 mPa (10,000 PSI). It is impervious to water and is unaffected by most acids and alkali.

The additives and Molylube solids used in **Bel-Ray Molylube Anti-Seize** impart excellent lubricating qualities covering the broad temperature range. Under limited static conditions, lubrication at temperatures of -184°C to 399°C (-300°F to 750°F) can be realized. Furthermore, this product has a high film strength and provides a low coefficient of friction and a tenacious adherence to metallic surfaces. By placing lubricating metal between metallic surfaces, **Bel-Ray Molylube Anti-Seize** prevents galling and seizing.

### *Product No. 67700*

**BEL-RAY<sup>®</sup> MOLYLUBE<sup>®</sup> ANTI-SEIZE**  
TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>67700</u></b>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	280
Thickener Type	Organo-clay
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	482
@ 100°C, cSt	31.4
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	2583
@ 210°F, SUS	154
Dropping Point, ASTM D2265 °C	>260
(°F)	(>500)
Lubricating Solids Type	Molyube Solids
Lubricating Solids, weight %	~ 40
4-Ball EP Test, ASTM D2596 Weld Load, kg	500
Rust Protection, ASTM D1743, rating	Pass
Useful Temperature Range* °C	-184 to 399
(°F)	(-300 to 750)
Color	Dark Gray

\* Lubrication at extremes of the temperature range is limited to static application only.