



PRODUCT DATA SHEET



BEL-RAY[®] MOLYLUBE[®] SPRAY COATING

Bel-Ray Molylube Spray Coating is a dispersion of molybdenum disulfide in a selected blend of solvents and bonding agents. It is a dry film lubricant containing no resinous or lacquer binders. **Bel-Ray Molylube Spray Coating** provides "waterproof molybdenum" particles to the surface and its pH does not change, giving excellent rust protection. It bonds to the surface in minutes, providing a tough film that offers outstanding metal protection in dusty, dirty or abrasive atmospheres.

Applications

- ◆ For exterior use on chains, cables, gears and sliding surfaces operating in a dirty or abrasive environment
- ◆ For use on the interior components of business machines, timing devices, data processing equipment, machine tools and refrigeration equipment to prevent seizing, galling, fretting and wear
- ◆ Used wherever conventional oils and greases cannot be utilized

Features and Benefits

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|------------------|---|
| ◆ Fast bonding | Ready to use when dry to the touch. |
| ◆ Easy to apply | Can be applied by spray, dip or brush. |
| ◆ Waterproof | Provides excellent rust protection. |
| ◆ Film lubricity | Provides a long lasting, slippery surface. |
| ◆ Dry film | Protects against atmospheric contamination. |

General Description

Bel-Ray Molylube Spray Coating can be applied by spray, dip or brush and is ideal for use on exterior chains, cables, gears and sliding surfaces which operate in a dirty environment. It can also be applied to the interior components of business machinery, timing devices, data processing equipment, machine tools and refrigeration equipment to prevent seizing, galling, fretting and wear. **Bel-Ray Molylube Spray Coating** can be used wherever conventional oils and greases cannot. To ensure proper dispersion of solids, it is recommended that **Bel-Ray Molylube Spray Coating** be well agitated before and during spraying. When spraying in bulk form, it is advisable to limit air pressure to 80 pounds and operating pressure to 80-90 pounds in an ordinary paint spray applicator. Bulk material may be sprayed as received to a thin film thickness of 0.001 to 0.005 inches without further dilution. **Bel-Ray Molylube Spray Coating** is not recommended for oxygen systems. It is available in bulk form and aerosol form.

Product No. 70250, 70260

Page 1 of 2

7/1/2010

With continual research and development, Bel-Ray Company, Inc. reserves the right to change the information contained herein. The Company is not responsible for misuse or misapplication of its products.

BEL-RAY[®] MOLYLUBE[®] SPRAY COATING
TYPICAL PROPERTIES

<u>Product No.</u>	<u>70250</u>	<u>70260</u>
	Bulk	Aerosol
Viscosity* @ 25.6°C (78°F), cSt	41.8	
Rust Test, ASTM D665, Procedure A & B	Pass	
Lubricating Solids Type	Molylube Solids	
Lubricating Solids, weight %	~ 50	
Falex EP Test, ASTM D2625, Method B Non-seizure Load, lbf	1250	
4-Ball EP Test, ASTM D2596 Weld Load, kg	250	
SRV Test, ASTM D5707 300N @ 50°C, Coefficient of friction	0.08	
Flash Point, ASTM D93 °C (°F)	40 (104)	
Specific Gravity, ASTM D1475, 60/60°F	1.140	
Color	Dark Gray	

* Calculated - based on typical reading Zahn Cup #1 of 67 at 25.6°C (78°F)