



Molylube[®] Synthetic Track Roller Lubricant

PRODUCT DESCRIPTION

Bel-Ray[®] Molylube[®] Synthetic Track Roller Lubricant, commonly known as Molylube PA TP Lubricant, is a synthetic base, aluminum complex semi-fluid grease fortified with molybdenum disulfide (moly), extreme pressure and anti-wear additives, and rust and corrosion inhibitors. Molylube Synthetic Track Roller Lubricant is intended for use in all tracked equipment such as dozers, track loaders, and other mining and construction heavy equipment. Because of its synthetic hydrocarbon base fluid, Molylube Synthetic Track Roller Lubricant has excellent flow properties at very low temperatures and outstanding thermal stability at high temperatures. The unique blend of moly, extreme pressure and anti-wear additives reduces friction and wear, virtually eliminating internal pin and bushing wear. The result is an increase in bushing life, extended system life and greatly reduced operating cost.

PRODUCT FEATURES

- Extreme pressure and anti-wear properties
- Aluminum complex thickener
- Low temperature mobility
- High temperature protection
- Molybdenum disulfide and graphite lubricating solids

BENEFITS

- Maximizes component useful life helping to reduce replacement part costs and lost production time
- Virtually waterproof, mechanical and thermal stability for superior retention
- Protection down to -57°C (-70°F)
- Long life at 149°C (300°F)
- Reduces wear and sustains lubrication under boundary conditions

APPLICATIONS

- Undercarriage rollers
- Undercarriage track pins and bushings
- Bushings, slides, guides, and other moving parts

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PRODUCT DATA

Typical Properties		
Property	Test Method	NLGI Grade 0
Thickener Type		Aluminum Complex
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	470
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	47.8
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	8.14
Apparent Viscosity @ 25°C, (cP)	ASTM D2196	1800
Pour Point, °C (°F)	ASTM D97	-57 (-70)
Lubricating Solids Type		Molyube Solids
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	800
Falex Pin & Vee Block Test Method B, non seizure load (lbf)	ASTM D3233	2000
Rust Prevention	ASTM D665A	Pass
Useful Temperature Range, °C (°F)		-57 to 149 (-70 to 300)
Color		Dark Gray

HEALTH and SAFETY

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