



# PRODUCT DATA SHEET



## MOLYLUBE<sup>®</sup> SYNTHETIC TRACK ROLLER LUBRICANT

**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, or 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, providing maximum pin and bushing protection and service life.

### *Applications*

- ◆ Undercarriage rollers
- ◆ Undercarriage track pins and bushings
- ◆ Bushings, slides, guides and other moving parts
- ◆ Extreme pressure applications

### *Features and Benefits*

- |  |   |
|--|---|
| ◆ Aluminum complex thickener                           | Virtually waterproof. Mechanical and thermal stability for superior retention.              |
| ◆ Synthetic base oil                                   | Lubrication for life conditions. Resists oxidation.   |
| ◆ Low temperature mobility                             | Protection down to -57°C (-70°F).   |
| ◆ High temperature protection                          | Long life at 149°C (300°F).   |
| ◆ Extreme Pressure and anti-wear properties            | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ Molybdenum disulfide and graphite lubricating solids | Reduces wear and sustains lubrication under boundary conditions.                            |

### *General Description*

**Molylube Synthetic Track Roller Lubricant** is a heavy-duty track and roller lubricant ideal for most undercarriage systems in all types of conditions and weather. The superior aluminum complex gel system along with the high quality synthetic base oil and superior additive system combine to make it an ideal choice for most undercarriage applications. **Molylube Synthetic Track Roller Lubricant** sealed in the undercarriage system virtually eliminates internal pin and bushing wear. The result is an increase in bushing life, extended system life and greatly reduced operating cost.

### *Product No. 69030*

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## TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>69030</u></b>
NLGI Grade	000
Penetration, worked (60 strokes), ASTM D217 mm/10	470
Apparent Viscosity (Brookfield), ASTM D2196 @ 25°C (77°F), cP	1800
Thickener Type	Aluminum Complex
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	47.8
@ 100°C, cSt	8.14
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	244
@ 210°F, SUS	53.5
Lubricating Solids Type	Molylube Solids
Falex EP Test, ASTM D3233 Method B Non-seizure Load, lbf	2000
4-Ball EP Test, ASTM D2596 Weld Load, kg	800
Rust Test, ASTM D665, Procedure A	Pass
Pour Point (Base Fluid), ASTM D97 °C	-57
(°F)	(-70)
Useful Temperature Range °C	-57 to 149
(°F)	(-70 to 300)
Color	Dark Gray