

## Molyube Synthetic Track Roller Lubricant

Molyube Synthetic Track Roller Lubricant, commonly known as Molyube 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. Molyube 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, Molyube 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.

### APPLICATIONS

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

### 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

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Calumet Branded Products, LLC  
2780 Waterfront Pkwy. E. Dr., Suite 200  
Indianapolis, IN 46214  
Technical Services: 317-328-5660  
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# TECHNICAL DATA SHEET



| Typical Physical Properties         |             |                         |
|-------------------------------------|-------------|-------------------------|
| Property                            | Test Method | 0                       |
| Worked Penetration                  | ASTM D217   | 470                     |
| NLGI Grade                          |             | 0                       |
| Thickener Type                      |             | Aluminum Complex        |
| Viscosity @ 40°C, cSt               | ASTM D445   | 47.8                    |
| Viscosity @ 100°C, cSt              | ASTM D445   | 8.14                    |
| Apparent Viscosity @ 25°C, cP       | ASTM 2196   | 1800                    |
| Pour Point, °C (°F)                 | ASTM D97    | -57 (-70)               |
| Lubricating Solids Type             |             | Molyube Solids          |
| 4-Ball EP Test, Weld Load, kg       | ASTM D2596  | 800                     |
| Falex EP Test Non-seizure Load, lbf | ASTM D3233  | 2000                    |
| Rust Test                           | ASTM D665   | Pass                    |
| Useful Temperature Range, °C (°F)   |             | -57 to 149 (-70 to 300) |
| Color                               |             | Dark Grey               |

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