



# TECHNICAL DATA

102 Barton Street, St. Louis MO 63104  
Ph: 800-325-9962 / Fax: 314-865-4107  
www.schaefferoil.com



## 202 MOLY 5<sup>TH</sup> WHEEL LUBE

Moly 5<sup>th</sup> Wheel Lube is a semi-synthetic, diluent-type heavy duty, extreme pressure spray lubricant recommended for the lubrication of fifth wheels.

Moly 5<sup>th</sup> Wheel Lube is compounded from a unique blend of select high viscosity index paraffin base oils and synthetic base fluids. These base fluids are further compounded to provide Moly 5<sup>th</sup> Wheel Lube with superior adhesive film forming characteristics which allows Moly 5<sup>th</sup> Wheel Lube to resist “squeeze out” and cling tenaciously to plates.

A combination of molybdenum disulfide and various solid lubricants are compounded into Moly 5<sup>th</sup> Wheel Lube to provide film structure, anti-wear, extreme pressure and load carrying abilities. The molybdenum disulfide has a load carrying ability in excess of 500,000 pounds per square inch.

Moly 5<sup>th</sup> Wheel Lube offers the following advantages:

- Forms an almost indestructible adhesive film with a “cushioning effect” under extreme pressure.
- Resistant to rain, snow and the process of water washout.
- Resistant to adhering of dirt or dust.
- Exhibits excellent reduced wear characteristics.
- Will not harden, chip, flake off or form a hard pack buildup--especially in cold weather.

### VOC Regulations:

**CA: Product is for use in the manufacturing process only.**

### TYPICAL PROPERTIES

Specific Gravity 60°F/15°C	0.9321
Unworked Penetration (neat product)	310-350
Four Ball EP Test (ASTM D2596) Weld Load, kg	620-800
Falex Continuous Load (ASTM D3233)	4500+
Rust Inhibition Test (ASTM D1743)	1, 1, 1
Copper Strip Corrosion Test (ASTM D4804)	1a
<b>Base Oil Properties (neat product)</b>	
Viscosity, cSt @ 40°C	1400-1700
Viscosity, cSt @ 100°C	80-90
Flash Point °F/°C	630°/332.22°