



## Dynalife<sup>®</sup> Moly Poly

Dynalife Moly Poly is a high-quality, extreme-pressure (EP) lithium grease specifically developed for long-life lubrication of chassis parts and wheel bearings on automobiles, trucks and some off-highway mobile equipment.

Dynalife Moly Poly is manufactured with high-quality paraffinic base oils thickened with lithium 12-hydroxystearate soap. It is fortified with an effective extreme-pressure additive, rust and oxidation inhibitors, 1 percent molybdenum disulfide and 5 percent polyethylene. These additives impart excellent film strength, corrosion resistance, oxidation stability and resistance to leakage to provide excellent protection over extended service intervals. The molybdenum disulfide and polyethylene help reduce friction, wear and noise under heavy or shock load conditions.

### **Applications**

- Chassis lubrication on automobiles, trucks, farm equipment and other off-highway equipment
- Ball joints, universal joints, tie-rod ends, steering linkage joints and brakes self-adjusting screws
- Wheel bearings on vehicles equipped with drum brakes

Dynalife Moly Poly meets the requirements of the following OEM specifications:

- Ford ESA-M1C75-B for Long-Life Chassis Lubricant
- Mack MG-C for Chassis Lube

### **Features/Benefits**

- Excellent protection for longer equipment life
- Protects against friction and wear during shock loads
- Reduces noise
- Excellent oxidation resistance
- Good shear stability
- Adhesive without stringiness; nonmigrating
- Very low oil separation and leakage
- Protects against rust and corrosion
- Good resistance to water washout
- High film strength

**Long-Life,  
Extreme-Pressure  
Lithium Grease  
With Moly And  
Polyethylene**

### **Contact Information**

**U.S. Customer  
Service:  
1-800-822-6457**

**Technical Hot Line:  
1-800-766-0050**

**International  
Customer Service:  
+1-832-486-3363  
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## Dynalife® Moly Poly

### Typical Properties

<b>NLGI Grade</b>	<b>2</b>
Thickener	Lithium
Color	Gray-Black
Dropping Point, °C (°F)	193 (380)
Density, lbs/gal	7.59
Penetration, Worked (60 strokes), ASTM D217	265-295
Texture	Grainy
Molybdenum Disulfide, wt %	1
Polyethylene, wt %	5
Four-Ball EP, ASTM D2596, Weld Load, kgf	250
Four-Ball Wear, ASTM D2266, Scar Diameter, mm	0.50
Oxidation Stability, ASTM D942, 1000 hours,	
Pressure Drop, psi (kPa)	19.6 (135)
Rust Prevention, ASTM D1743	Pass
Timken OK Load, ASTM D2509, lb	60
Water Washout Resistance, ASTM D1264,	
Weight Loss @ 175°F, %	4.0
Base Oil Properties:	
Viscosity,	
cSt @ 40°C	151
cSt @ 100°C	14.4
SUS @ 100°C	795
SUS @ 210°F	77
Viscosity Index	93
Usable Temperature Range,	
°C	-21 to 138
°F	-5 to 280

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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