

## ConocoPhillips Moly Poly Grease NLGI No. 2

Category : Fluid , Lubricant , Lithium Gellant , Organic Soap Gellant

### Material Notes:

Description: Conoco Moly Poly Grease is a long-life, lithium 12-hydroxy grease for chassis, wheel bearings, ball joints, U-joints, tie-rod ends, steering knuckles and brake self-adjusting screws found in automobiles, trucks and farm and off-road equipment. Its polyethylene and molybdenum content reduces wear and noise. The combination of solid lubricants (moly and poly) with light viscosity base oil make this grease an excellent choice for high-speed antifriction bearings subject to shock loading and for use year round in most climates. Specifically designed as an excellent chassis grease for the transportation industry, Moly Poly Grease meets Ford ESA-MIC75-B and Mack MG-C specifications. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-Moly-Poly-Grease-NLGI-No-2.php](http://www.lookpolymers.com/polymer_ConocoPhillips-Moly-Poly-Grease-NLGI-No-2.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	93	93	Viscosity Index (Base Oil Property)
Saybolt Viscosity at 100°F	533 SUS	533 SUS	Base Oil Property
Saybolt Viscosity at 210°F	76 SUS	76 SUS	Base Oil Property
Kinematic Viscosity at 40°C (104°F)	151 cSt	151 cSt	Base Oil
Kinematic Viscosity at 100°C (212°F)	14.4 cSt	14.4 cSt	Base Oil

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	44	44	
Four Ball Extreme Pressure, Weld Load	250 kg	551 lb (mass)	
Four Ball Wear	0.400 mm	0.0157 in	EP
Penetration	<= 330	<= 330	Worked 1,000,000 strokes
Penetration P(60), 1/10 mm	280	280	
Timken Test	27200 g	60.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	138 °C	280 °F	
Minimum Service Temperature, Air	-20.6 °C	-5.00 °F	
Pour Point	-15.0 °C	5.00 °F	(Base Oil Property)
Dropping Point	193 °C	380 °F	

Thermal Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
ASTM Rust A&B		Pass	
Color		Gray-Black	
Film Strength Durability		Pass	8 hrs. at 10 lb. Load
		Pass	
Film Strength Durability Scar Width		0.9 mm	
Molybdenum Disulfide		1 wt. %	
Oil Separation		Max 12 ml	at 96 hrs.
Oxidation Stability		19.6 psi drop after 1000 hrs	
Penetration After Oxidation		+20	
Polyethylene		5 wt. %	
Soap Type (Thickener)		Lithium	
Stringiness Test		Max 25 mm	
Timken Cup Corrosion Test		No Rust	300 hours at 77°F
Water Washout		10 wt. %	at 176°F
Wheel Bearing Leakage		1.9 g	

## Contact Songhan Plastic Technology Co.,Ltd.

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