

## ConocoPhillips EP Conolith® HT Grease NLGI NO. 1

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

### Material Notes:

Description: Conoco EP Conolith HT Grease is a premium-quality, lithium-complex, multipurpose, extreme-pressure, high-temperature grease developed to satisfy the severe requirements of high-speed wheel bearings in automotive and commercial service. It is recommended for industrial applications, such as heavily loaded antifriction and plain bearings commonly found in industry where an EP, water-resistant, high-temperature grease is required. EP Conolith HT Grease is certified for use in automotive and commercial vehicles and carries NLGI GC-LB approval. At high temperatures, EP Conolith HT Grease continues to lubricate and resists melting up to 400°F (200°C), which prevents leakage from the bearing seals and subsequent bearing failure. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-EP-Conolith-HT-Grease-NLGI-NO-1.php](http://www.lookpolymers.com/polymer_ConocoPhillips-EP-Conolith-HT-Grease-NLGI-NO-1.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	70	70	Viscosity Index (Base Oil Property)
Saybolt Viscosity at 100°F	732 SUS	732 SUS	Base Oil Property
Saybolt Viscosity at 210°F	68 SUS	68 SUS	Base Oil Property
Kinematic Viscosity at 40°C (104°F)	130 cSt	130 cSt	Base Oil
Kinematic Viscosity at 100°C (212°F)	12.5 cSt	12.5 cSt	Base Oil

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	Weld Load
Four Ball Wear	0.370 mm	0.0146 in	Scar Diameter
Penetration P(60), 1/10 mm	325	325	
Timken Test	24900 g	55.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-17.8 °C	0.000 °F	
Dropping Point	260 °C	500 °F	

Descriptive Properties	Value	Comments
ASTM Rust A&B	Pass	
Color	Amber	

Descriptive Properties	Value	Comments
Low Temperature Mobility	0.9 gm/sec	at 10°F
	1.5 gm/sec	at 20°F
Oil Separation	4.4 wt. %	
Shear Stability	+5% in Consistency	Roll Stability
Soap Type (Thickener)	Lithium Complex	
Water Washout	10%	at 175°F
	5%	at 100°F
Wheel Bearing Leakage	15 wt. %	at 325°F
	2 wt. %	at 212°F

## Contact Songhan Plastic Technology Co.,Ltd.

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