

## ConocoPhillips Syncon® EP Heavy Duty Grease NLGI 1

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

### Material Notes:

Description: Conoco Syncon EP Heavy Duty Grease is an ultra high-performance synthetic base oil, lithium-complex grease specifically designed for extreme loading conditions. The combination of high-viscosity, synthetic base oil and excellent EP and antiwear additives provides superior load-carrying abilities, along with an operating temperature range of -30°F to 375°F (-34°C to 190°C). Extremely effective antiwear and EP additives provide a Timken OK load of 75 lbs. Conoco Syncon EP Heavy Duty Grease is specifically recommended for: King pins; Ball, roller, needle, antifriction and sleeve bearings; Wheel bearings and universal joints; General chassis lubrication; Pillow blocks and fifth wheels; Applications where normal greases fail under extreme load; Harsh, dirty, wet environments. This grease is oxidation inhibited, rust inhibited, corrosion inhibited, contains extreme pressure additive and an antiwear additive. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-Syncon-EP-Heavy-Duty-Grease-NLGI-1.php](http://www.lookpolymers.com/polymer_ConocoPhillips-Syncon-EP-Heavy-Duty-Grease-NLGI-1.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	96	96	Viscosity Index (Base Oil Property); ASTM D-2270
Saybolt Viscosity at 100°F	1175 SUS	1175 SUS	Base Oil Property
Saybolt Viscosity at 210°F	98.7 SUS	98.7 SUS	Base Oil Property
Kinematic Viscosity at 40°C (104°F)	235 cSt	235 cSt	Base Oil
Kinematic Viscosity at 100°C (212°F)	19.79 cSt	19.79 cSt	Base Oil

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	57	57	USS Method
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	ASTM D-2596
Four Ball Wear	0.500 mm	0.0197 in	ASTM D-2509
Penetration P(60), 1/10 mm	320	320	ASTM D217
Timken Test	34000 g	75.0 lb	ASTM D-2596

Thermal Properties	Metric	English	Comments
Pour Point	-17.8 °C	0.000 °F	(Base Oil Property); ASTM D-97
Flash Point	224 °C	435 °F	(Base Oil Property); ASTM D-92
Dropping Point	260 °C	500 °F	ASTM D-2265

Descriptive Properties	Value	Comments
Color	Aquamarine	
Grease Mobility	0.1 gms/min	-30°F
	0.6 gms/min	-20°F
	116 gms/min	30°F
	30.9 gms/min	10°F
	5.4 gms/min	0°F
	61.1 gms/min	20°F
Oxidation Stability	3	ASTM D2266
Rust Test Rating	Pass	ASTM D1743
Texture	Smooth/Tacky	
Thickener	Lithium Complex	

## Contact Songhan Plastic Technology Co.,Ltd.

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