

ConocoPhillips Syncon® EP Heavy Duty Grease NLGI 2

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-2.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
Evaporation Loss	0.050 %	0.050 %	FTM-321 (Modified)

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	0.400 mm	0.0157 in	ASTM D-2509
Penetration P(60), 1/10 mm	271	271	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 Thermal Properties	274 °C Metric	525 °F English	ASTM D-2265 Comments
Descriptive Properties	Value	Comments	
Bleed	0.04	FTM-321 (Modified), 24 hrs @ 250°F	
Color	Aquamarine		
Corrosion	1B	ASTM D942	
Grease Mobility	0.1 gms/min	-30°F	
	0.35 gms/min	-20°F	
	21.9 gms/min	10°F	
	28.3 gms/min	20°F	
	3.7 gms/min	0°F	
	53.37 gms/min	30°F	
Oxidation Stability	3	ASTM D2266	
Roll Stability	-0.031	ASTM D1831	
Rust Test Rating	Pass	ASTM D1743	
Texture	Smooth/Tacky		
Thickener	Lithium Complex		
Water Washout	0.009	ASTM D1264	
Wheel Bearing Leakage	1 g	ASTM D4048	
Worked Stability	277	ASTM D217, 100,000 Strokes	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China