

ConocoPhillips Tacna® Rx NLGI No. 2

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

Material Notes:

Description: Conoco Tacna Rx is a multipurpose, lithium-complex, polymer-enhanced grease designed for a wide range of applications, including passenger cars, agricultural equipment, race cars, motorcycles, on- and off-road trucks, buses, vans and construction equipment. It also is suited for industrial applications such as the heavily loaded antifriction and plain bearings found in gear boxes and electric motors commonly used in steel and aluminum manufacturing plants, as well as in mining equipment that requires a water-resistant, high-temperature grease. It is dyed red for easy identification and leak detection. Certified for use wherever NLGI GC-LB quality grease is recommended. Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-Tacna-Rx-NLGI-No-2.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	93	93	Viscosity Index (Base Oil Property)
Saybolt Viscosity at 100°F	795 SUS	795 SUS	Base Oil Property
Saybolt Viscosity at 210°F	77 SUS	77 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	40	40	
Four Ball Extreme Pressure, Weld Load	400 kg	882 lb (mass)	
Four Ball Wear	0.430 mm	0.0169 in	
Penetration P(60), 1/10 mm	280	280	
Timken Test	24900 g	55.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-23.3 °C	-10.0 °F	
Dropping Point	260 °C	500 °F	

Descriptive Properties	Value	Comments
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ASTM Rust Test (A & B) Descriptive Properties	Pass Value	Comments
Color	Red	
Low Temperature Mobility	0.2 gm/sec	at 0°F
	0.4 gm/sec	at 10°F
	0.8 gm/sec	at 20°F
Oil Separation	0.5 wt. %	
Oxidation Resistance	16 psi drop/500 hrs	
	29 psi drop/1000 hrs	
	3 psi drop/100 hrs	
Soap Type (Thickener)	Lithium Complex	
Water Washout	0.02	100°F
	0.04	175°F
Wheel Bearing Leakage	5 wt. %	212°F

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