

ChevronTexaco Black Pearl® NLGI 0 Grease EP

Category : Fluid , Lubricant , Urea Gellant

Material Notes:

FeaturesChevron Black Pearl Greases EP are multipurpose, extreme pressure, water-resistant greases.They are formulated with ISOSYN® base stock, a polyurea thickener, and rust and oxidation inhibitors. They are black in color and smooth and buttery in texture.**Applications**Chevron Black Pearl Greases EP provide outstanding film strength and adhesive properties. As a result, these products are particularly effective in providing superior wear protection in heavily loaded and shock load conditions.Chevron Black Pearl Greases EP stay in place, sticking to bearing surfaces and, thus, provide excellent lubrication under a wide range of operating conditions. They perform particularly well in roller bearings. These products provide exceptional water wash out results. They perform well in applications where cascading water or actual bearing submergence can occur. The rust inhibitors effectively protect bearing surfaces against corrosion. Pumpability is excellent over a wide range of temperatures as indicated by the Lincoln ventmeter test and the relatively low pressure drop in piping. Oxidation inhibitors ensure long life in storage and in use. In addition, Chevron Black Pearl Greases EP also perform well at high temperatures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Black-Pearl-NLGI-0-Grease-EP.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	94	94	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	671 SUS	671 SUS	
Saybolt Viscosity at 210°F	72 SUS	72 SUS	
Kinematic Viscosity at 40°C (104°F)	128 cSt	128 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	13 cSt	13 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	250 kg	551 lb (mass)	Weld Point
Four Ball Wear	0.420 mm	0.0165 in	
Penetration	365	365	Worked (60 strokes)
	>= 400	>= 400	Worked (100,000 strokes)
Penetration P(0), 1/10 mm	350	350	
Timken Test	24900 g	55.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	127 °C	261 °F	

Minimum Service Temperature, Air Thermal Properties	-40.0 °C Metric	-40.0 °F English	Comments
Pour Point	-15.0 °C	5.00 °F	ASTM D97
Flash Point	246 °C	475 °F	ASTM D92
Dropping Point	240 °C	464 °F	

Descriptive Properties	Value	Comments
Bearing Rust	Pass	
Color	Black	
Corrosion, Copper Strip Test 3h	1a	
Lincoln Ventmeter, psig at 30 s, at 0°F	240	
Lincoln Ventmeter, psig at 30 s, at -22°F	465	
Lincoln Ventmeter, psig at 30 s, at 30°F	210	
Lincoln Ventmeter, psig at 30 s, at 75°F	185	
Texture	Smooth, Buttery	
Thickener, % / type	13 / Polyurea Complex	

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