

## ChevronTexaco NLGI 1 Ultra Duty Grease EP

Category : Fluid , Lubricant , Lithium Gellant

### Material Notes:

**Features** Chevron Ultra-Duty Greases EP are versatile, multipurpose extreme pressure greases with high adhesive properties designed for a wide variety of automotive and industrial applications. They are manufactured using selected highly refined, high viscosity base oils, a lithium-12 hydroxystearate thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. They are red in color and stringy in texture. Chevron Ultra-Duty Greases EP provide thicker shock absorbing oil film protection and greater water resistance than conventional multipurpose greases due to their high viscosity components. The high viscosity components and tackiness additive give Chevron Ultra-Duty Greases EP an excellent adhesive quality which provides a tenacious lubricating film in working parts. The lubricants stay in place under severe abrasive operating conditions to resist water washout and shock load wear. The outstanding tackiness characteristics of Chevron Ultra-Duty Greases EP make these products somewhat harder to pump than the historical soft, buttery greases. For this reason, we recommend the use of a heavy follower play with air driven grease pumps. Chevron Ultra-Duty Greases EP lubricate well at low temperatures. The ASTM D 1478 low temperature torque test shows that they retain their lubricating capacity, as defined by military specification MIL-G-81322, down to about -26°C (-15°F). **Applications** Chevron Ultra-Duty Greases EP are recommended for use in automotive and industrial equipment operating under severe service except where very high operating temperatures are encountered. Typical application are: mining equipment, construction equipment, material handling equipment, marine deck equipment, amine deck cranes, oil filed equipment, offshore drilling equipment, paper machines, dredging equipment, logging equipment, rock quarry equipment, etc., operating in water, mud, or dusty conditions. Chevron Ultra-Duty Greases EP will provide the needed shock load and rust protection and, best of all, they stay put which means less frequent regreasing. They are not our primary recommendation for high temperature wheel bearings. Chevron Delo® Greases EP, Chevron RPM® Automotive LC Greases EP, or Chevron Black Pearl® Greases EP are preferred for wheel bearing applications. In industrial service, Chevron Ultra-Duty Greases EP are recommended for use in all types of plain and antifriction bearings from 1-1/2 inch OD to over 16 inch OD, operating at speeds from 50 to 3000 rpm, as well as slides, gears, ways, etc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ChevronTexaco-NLGI-1-Ultra-Duty-Grease-EP.php](http://www.lookpolymers.com/polymer_ChevronTexaco-NLGI-1-Ultra-Duty-Grease-EP.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	70	70	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1802 SUS	1802 SUS	
Saybolt Viscosity at 210°F	106 SUS	106 SUS	
Kinematic Viscosity at 40°C (104°F)	334 cSt	334 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	21 cSt	21 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	Weld Point
Penetration	325	325	Worked

Penetration P(0), 1/10 mm Mechanical Properties	295 Metric	295 English	Comments
Timken Test	31700 g	70.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	138 °C	280 °F	
Minimum Service Temperature, Air	-15.0 °C	5.00 °F	
Flash Point	274 °C	525 °F	ASTM D92
Dropping Point	172 °C	342 °F	

Descriptive Properties	Value	Comments
Color	Red	
Lincoln Ventmeter, psig at 30 s, at 0°F	1750	
Lincoln Ventmeter, psig at 30 s, at 30°F	400	
Lincoln Ventmeter, psig at 30 s, at 75°F	100	
Texture	Stringy	
Thickener, % / type	7.2 / Lithium	

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