

ChevronTexaco NLGI 2 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-2-Ultra-Duty-Grease-EP.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|----------|----------|-----------------------------|
| Viscosity Measurement | 76 | 76 | Viscosity Index; ASTM D2270 |
| Saybolt Viscosity at 100°F | 2160 SUS | 2160 SUS | |
| Saybolt Viscosity at 210°F | 121 SUS | 121 SUS | |
| Kinematic Viscosity at 40°C (104°F) | 400 cSt | 400 cSt | ASTM D445 |
| Kinematic Viscosity at 100°C (212°F) | 24.3 cSt | 24.3 cSt | ASTM D445 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------------------|--------|---------------|------------|
| Four Ball Extreme Pressure, Weld Load | 315 kg | 695 lb (mass) | Weld Point |
| Penetration | 280 | 280 | Worked |

| Penetration P(0), 1/10 mm Mechanical Properties | 275 Metric | 275 English | Comments |
|--|---------------|----------------|----------|
| Timken Test | 31700 g | 70.0 lb | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|---------|----------|
| Maximum Service Temperature, Air | 143 °C | 289 °F | |
| Minimum Service Temperature, Air | -5.00 °C | 23.0 °F | |
| Flash Point | 274 °C | 525 °F | ASTM D92 |
| Dropping Point | 190 °C | 374 °F | |

| Descriptive Properties | Value | Comments |
|--|---------------|----------|
| Color | Red | |
| Lincoln Ventmeter, psig at 30 s, at 0°F | 2500 | |
| Lincoln Ventmeter, psig at 30 s, at 30°F | 600 | |
| Lincoln Ventmeter, psig at 30 s, at 75°F | 280 | |
| Texture | Stringy | |
| Thickener, % / type | 8.6 / Lithium | |

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