

ChevronTexaco Dura-Lith® NLGI 3 Grease EP

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Features Chevron Dura-Lith Greases EP are multipurpose extreme pressure greases. They are manufactured using selected highly refined medium viscosity index base oils, a lithium 12-hydroxystearate thickener, an extreme pressure additive, and rust and oxidation inhibitors. NLGI 000 is red in color and stringy in texture. NLGI 00, 00, 0, 1 and 2 are amber in color and buttery in texture. Chevron Dura-Lith Greases EP have high load-carrying capacity and, therefore, provide good protection of lubricated parts against wear. They provide excellent lubrication in the presence of water, protect bearing surfaces against corrosion, and have excellent resistance to oxidation, which ensures long life in storage and in use. They are work stable. They resist separation or throw out from antifriction bearings. They have low oil bleeding tendency under pressure and are pumpable at low temperatures.

Applications Chevron Dura-Lith Greases EP are widely accepted by the industry for use in centralized lubrication systems. NLGI 00, 0, and 1 are recommended for this service. Chevron Dura-Lith Greases EP can satisfy most industrial grease applications. Typical applications are: Plain and antifriction bearings Chassis lubrication Construction equipment Conveyors and run-out rolls Crusher, shaker, or classifier screen bearings General machinery lubrication Low and high speed plain bearings Presses Roller and needle bearings Underground mining equipment Non-disc brake wheel bearings Winches Chevron Dura-Lith Greases EP are recommended for both plain and antifriction bearings and particularly for bearings subjected to shock loading. Grades NLGI 1 and 2 comply with Timkens recommendation for this service. NLGI 000 is a semifluid grease formulated to meet the lubrication requirements of underground mining machinery having enclosed gear cases where housings and seals have lost their ability to retain conventional gear oils. NLGI 2 grade is approved for the NLGI Certification Mark LB. NLGI grades 0, 1 and 2 are registered with NSF and are acceptable as a lubricant where there is no possibility of food contact (H2) in and around food processing areas. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements of appropriate use, ingredient review and labeling verification.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Dura-Lith-NLGI-3-Grease-EP.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	40	40	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1051 SUS	1051 SUS	
Saybolt Viscosity at 210°F	73 SUS	73 SUS	
Kinematic Viscosity at 40°C (104°F)	195 cSt	195 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	13.3 cSt	13.3 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Penetration	235	235	Worked
Penetration P(0), 1/10 mm	210	210	
Timken Test	18100 g	40.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	132 °C	270 °F	
Minimum Service Temperature, Air	-10.0 °C	14.0 °F	
Pour Point	-18.0 °C	-0.400 °F	ASTM D97
Flash Point	249 °C	480 °F	ASTM D92
Dropping Point	193 °C	379 °F	

Descriptive Properties	Value	Comments
Color	Amber	
Lincoln Ventmeter, psig at 30 s, at 75°F	300	
Texture	Buttery	
Thickener, % / type	9.1 / Lithium	

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