

ChevronTexaco RPM® NLGI 1 Heavy Duty LC Grease EP

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Features Chevron RPM Heavy Duty LC Greases EP are multipurpose, water resistant, extreme pressure, heavy duty chassis, wheel bearing, and general purpose lubricating greases. They are manufactured using selected highly refined high viscosity index base oils, a lithium complex soap, a 3% molybdenum disulfide ("moly") antiwear agent, plus oxidation and rust inhibitors. They are dark gray in color and buttery in texture. Chevron RPM Heavy Duty LC Greases EP are available in two grades: NLGI 1 for better pumpability at low ambient temperatures NLGI 2 for normal ambient temperatures Applications Chevron RPM Heavy Duty LC Greases EP are recommended as multipurpose products for the lubrication of both over-the-road and off-highway trucks, tractors, and heavy duty equipment. They give excellent performance in all automotive equipment in severe service. They provide top protection to fifth wheels, king pins, wheel bearings, steering system bearings, and all chassis points including ball joints and universal joints. They also perform well in most heavy duty industrial applications for general lubrication and for the lubrication of journal bearings, and low and moderate speed antifricion bearings. They are particularly effective in applications where a high dropping point and high EP are desirable. They perform well under high temperature, wet, and dusty operating conditions. Chevron RPM Heavy Duty LC Greases EP are registered with NSF and are acceptable as lubricants 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-RPM-NLGI-1-Heavy-Duty-LC-Grease-EP.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	90	90	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	914 SUS	914 SUS	
Saybolt Viscosity at 210°F	82 SUS	82 SUS	
Kinematic Viscosity at 40°C (104°F)	173 cSt	173 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	15.5 cSt	15.5 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	Weld Point
Four Ball Wear	0.500 mm	0.0197 in	
Penetration	325	325	Worked
Penetration P(0), 1/10 mm	285	285	
Timken Test	18100 g	40.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	351 °F	
Minimum Service Temperature, Air	-18.0 °C	-0.400 °F	
Pour Point	-12.0 °C	10.4 °F	ASTM D97
Flash Point	198 °C	388 °F	ASTM D92
Dropping Point	260 °C	500 °F	

Descriptive Properties	Value	Comments
Color	Dark Gray/Black	
Texture	Smooth, Buttery	
Thickener, % / type	9 / Lithium Complex	

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