

ChevronTexaco Starplex® Moly NLGI Grade 1

Category : Fluid , Lubricant , Lithium Gellant

Material Notes:

Texaco Starplex Moly greases deliver value through: Good water resistance – Seals out water, reducing rust and corrosion. Extreme pressure protection. Protection against shock loading – extending vehicle life. Heat resistance with excellent high temperature properties. Good low temperature pumpability – Better low temperature performance means better handling in the container and grease-dispensing equipment. Molybdenum disulfide for additional boundary lubrication protection. Texaco Starplex Moly greases are multipurpose, water resistant, extreme pressure greases intended primarily for use in construction, mining and agricultural applications. They are manufactured using selected highly refined high viscosity index base oils, a lithium complex soap, a 1.5% molybdenum disulfide ("moly") antiwear agent, plus oxidation and rust inhibitors. They are dark gray in color and tacky in texture. Texaco Starplex Moly greases are available in two grades: NLGI 1 for better pumpability at low ambient temperatures NLGI 2 for normal ambient temperatures. Texaco Starplex Moly greases are designed especially for use in construction, mining and agricultural applications. They can also provide longer mileage life in king pins, spring shackles, and steering system bearings on over-the-road trucks and other offhighway equipment. Texaco Starplex Moly greases strongly resist being washed out of bearings. They are stable and retain their consistency under adverse service conditions, and protect parts over long service intervals. Texaco Starplex Moly greases have outstanding film strength and adhesive properties which result in particularly effective protection in shock load and extreme pressure service. The antiwear properties provided by the lithium complex thickener are enhanced by the molybdenum disulfide. They may also be used in automotive wheel bearing and chassis lubrication. Texaco Starplex Moly greases 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 antifriction 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. Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. Notes: Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures. Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication. Determined on mineral oil extracted by vacuum filtration. CPS Number: 221938; MSDS Number: 8804

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Starplex-Moly-NLGI-Grade-1.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	107	107	Viscosity Index, See Note 3.
Saybolt Viscosity at 100°F	1681 SUS	1681 SUS	See Note 3.
Saybolt Viscosity at 210°F	144 SUS	144 SUS	See Note 3.
Kinematic Viscosity at 40°C (104°F)	320 cSt	320 cSt	See Note 3.
Kinematic Viscosity at 100°C (212°F)	28.5 cSt	28.5 cSt	See Note 3.

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	
Four Ball Wear	0.500 mm	0.0197 in	Scar Diameter
Penetration P(0), 1/10 mm	301	301	Unworked, 25°C (77°F)
Penetration P(60), 1/10 mm	315	315	Unknown Amount of Work, 25°C (77°F)
Timken Test	18100 g	40.0 lb	OK Load

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	351 °F	See Note 2.
Minimum Service Temperature, Air	-34.0 °C	-29.2 °F	See Note 1.
Dropping Point	260 °C	500 °F	

Descriptive Properties	Value	Comments
Color	Dark Gray	
Molybdenum Disulfide, wt%	1.5	
Texture	Tacky	
Thickener, %	9	Lithium Complex

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