

ChevronTexaco ISO 460 Ultra Gear Lubricant

Category : Fluid , Lubricant

Material Notes:

Features Chevron Ultra Gear Lubricants are premium grade, multipurpose gear lubricants. They are formulated with a unique extreme pressure additive using an inorganic borate compound. ISO 68, 150, 220, and 320 are formulated with ISOSYN® base stocks. Chevron Ultra Gear Lubricants provide outstanding protection against oxidation, corrosion, and rust protection. These products are ideally suited for gear sets exposed to extremely high temperatures and loads. Tests have proven that Chevron Ultra Gear Lubricants provide a wear protection film 3 to 5 times thicker than a conventional sulfur-phosphorus antiwear film. The inorganic borate film is composed of compounds that do not adversely react with metal. The film forms promptly to provide superior gear protection and improved thermal stability. By minimizing friction, cooler operating temperatures have been observed. This results in longer gear and lubricant life.

Applications Chevron Ultra Gear Lubricants are excellent for all types of industrial bearings and gears, particularly those operating under severe temperature and load conditions. They provide excellent wear control even in the presence of small amounts of water. Chevron Ultra Gear Lubricants meet the requirements of: U.S. Steel 224AGMA 9005 EP Chevron Ultra Gear Lubricants 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-ISO-460-Ultra-Gear-Lubricant.php

Physical Properties	Metric	English	Comments
API Gravity	26.8 °	26.8 °	
Viscosity Measurement	95	95	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	2341 SUS	2341 SUS	
Saybolt Viscosity at 210°F	144 SUS	144 SUS	
Kinematic Viscosity at 40°C (104°F)	437 cSt	437 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	29.4 cSt	29.4 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	50.0 kg	110 lb (mass)	Load Weld Index
	250 kg	551 lb (mass)	Load Weld Point; ASTM D2783
Timken Test	34000 g	75.0 lb	

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97

Flash Point Thermal Properties	230 °C Metric	446 °F English	ASTM D92 Comments
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Descriptive Properties	Value	Comments
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FZG Gear Wear Test, Failure Load Stage

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