

ChevronTexaco TEGRA® SAE 80W-140 Synthetic Gear Lubricant

Category : Fluid , Lubricant

Material Notes:

Features Chevron Tegra Synthetic Gear Lubricants are superior quality, multipurpose gear lubricants. It is manufactured from synthesized hydrocarbon base fluids which have exceptional thermal and oxidation stability, a high natural viscosity index, and a very low pour point. The most advanced additive system has been selected to provide superior load carrying, antiwear and antifrictional properties required for satisfactory performance in automotive gear transmissions and differentials. These products possess extreme shear stability even under heavily loaded conditions in hypoid and other automotive gears. The low pour point and low-temperature performance of Chevron Tegra Synthetic Gear Lubricants impart improved lubrication during startup at subzero temperatures, while their superior viscosity-temperature characteristics provide dependable lubrication at high temperatures. Lower frictional losses in the lubricant film and reduced churning losses, due to lower bulk oil viscosity, reduce operating temperatures when compared to conventional gear lubricants. The lower frictional losses and reduced churning losses have also demonstrated significant fuel savings. They have passed double length durability tests and are recognized as Mack GO G/S, GO-H/S, and GO-J products. Tests have established their usable life at more than 2.5 times longer than the usable life of conventional gear lubricants. That means fewer changes and less lubricant required per unit. They function excellently over extremely wide temperature ranges, thus providing better protection at extended drain intervals. Applications Chevron Tegra Synthetic Gear Lubricants are recommended as rear axle, transmission, and differential lubricants in over-the-road and off-road vehicles when operating in extremely cold environments. Chevron Tegra Synthetic Gear Lubricants: meet the requirements of API Service Categories GL-4 and GL-5 and Mack GO-G/S, GO-H/S, GO-J. are engineered to meet the performance requirements of SAE J 2360 (formerly known as MIL-PRF-2105E). meet the requirements (discontinued in 1998) of the U.S. Department of Agriculture (USDA) for use in federally inspected meat and poultry plants as H2 lubricants with no food contact.

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http://www.lookpolymers.com/polymer_ChevronTexaco-TEGRA-SAE-80W-140-Synthetic-Gear-Lubricant.php

Physical Properties	Metric	English	Comments
API Gravity	33.1 °	33.1 °	
Brookfield Viscosity	40750 cP @Temperature -26.0 °C	40750 cP @Temperature -14.8 °F	
Viscosity Measurement	148	148	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1107 SUS	1107 SUS	
Saybolt Viscosity at 210°F	124 SUS	124 SUS	
Kinematic Viscosity at 40°C (104°F)	214 cSt	214 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	25.2 cSt	25.2 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Timken Test	29500 g	65.0 lb	

Thermal Properties	Metric	English	Comments
Pour Point	-51.0 °C	-59.8 °F	ASTM D97
Flash Point	213 °C	415 °F	ASTM D92

Descriptive Properties	Value	Comments
Channel Point °C	<-70	

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