

ChevronTexaco ISO 680 Synthetic Wheel Motor Lubricant EP

Category : Fluid , Lubricant

Material Notes:

FeaturesChevron Synthetic Wheel Motor Lubricants EP are superior quality industrial EP gear lubricants. Their advanced formulation provides superior load carrying and antiwear properties; protection against rust, corrosion, foaming, and oxidation; and excellent demulsibility. This results in outstanding performance in most types of industrial gearboxes, exemplified by the FZG pass stage result of >12. These products possess very high shear stability even under heavily loaded, high speed conditions in industrial gears. The low pour point and very good low temperature fluidity of Chevron Synthetic Wheel Motor Lubricants EP impart improved lubrication during startup at low temperatures. The superior viscosity-temperature characteristics also provide a much higher oil viscosity at operating temperature compared to a mineral oil product of the same ISO grade. This results in increased oil film thickness and better antiwear protection for both bearings and gears. A unique property of the synthetic base oil is a low traction coefficient, resulting in improved gear efficiency, energy savings, less friction, less wear, and lower operating temperatures compared to conventional mineral oil products. Drain intervals can be extended longer than conventional mineral oil products. That means fewer oil changes, reduced maintenance costs, and less used oil disposal.

ApplicationsChevron Synthetic Wheel Motor Lubricants EP are especially recommended for off-highway electric wheel motors used in mining haul trucks. The products are approved by General Electric for use in their wheel motors, which can be found on mining trucks made by Komatsu, Haul Pack, Terex, Hitachi, and Liebherr. In addition to wheel motors, Chevron Synthetic Wheel Motor Lubricants EP are suitable for all types of enclosed industrial gearboxes. They are especially recommended for gearboxes running continuously at temperatures up to 107°C (225°F) or exposed to very cold temperatures, or under severe service conditions, such as heavy loads or low speeds. These products also provide excellent protection for bearings operating under similar conditions. Chevron Synthetic Wheel Motor Lubricants EP meet the requirements of: U.S. Steel 224AGMA 9005 EPGeneral Electric Transportation Systems D50E27General Atomic's-Power Inverters Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-ISO-680-Synthetic-Wheel-Motor-Lubricant-EP.php

Physical Properties	Metric	English	Comments
API Gravity	28.4 °	28.4 °	
Viscosity Measurement	124	124	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	3610 SUS	3610 SUS	
Saybolt Viscosity at 210°F	237 SUS	237 SUS	
Kinematic Viscosity at 40°C (104°F)	680 cSt	680 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	48.9 cSt	48.9 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Timken Test	31700 g	70.0 lb	

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Flash Point	238 °C	460 °F	ASTM D92

Descriptive Properties	Value	Comments
FZG Gear Wear Test, Failure Load Stage	12	
Rust Prevention, ASTM D665	Pass	

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