

ChevronTexaco Gear Compounds EP J, ISO 220

Category : Fluid , Lubricant

Material Notes:

Features Chevron Gear Compounds EP J are multipurpose gear lubricants. They are formulated with highly refined, high viscosity index paraffinic base oils and a new generation sulfurphosphorus additive system. Chevron Gear Compounds EP J contain extreme pressure, antiwear and emulsibility additives; oxidation, rust, corrosion and foam inhibitors; a pour point depressant; and a metal deactivator to protect copper or copper alloys from corrosion. They are specifically designed to meet or exceed the performance requirements of Joy Technologies specifications for transmission oils. Chevron Gear Compounds EP J are formulated to give high film strength and load-carrying capacity. Gear teeth are protected from wear, all types of surface distress, and premature failure. They provide improved thermal and oxidation stability to prevent degradation under severe operating conditions and provide longer lubricant life. They are designed to form a stable emulsion with contaminating water. **Applications** Chevron Gear Compounds EP J are recommended for use in Joy Technologies transmissions or other similar applications where water emulsifying gear oils are required. Chevron Gear Compounds EP J meet Joy specifications TO-MEP (ISO 220), TO HEP (ISO 320) and TO HD (ISO 460). For customers that do not have water emulsibility as a requirement, Chevron Gear Compounds EP or Chevron Ultra Gear Lubricants are recommended. Chevron Ultra Gear Lubricants can be used in industrial applications where overloading, severe operating conditions, high lubricant operating temperatures, or other problems are encountered.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Gear-Compounds-EP-J-ISO-220.php

Physical Properties	Metric	English	Comments
API Gravity	28.1 °	28.1 °	
Viscosity Measurement	104	104	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1158 SUS	1158 SUS	
Saybolt Viscosity at 210°F	101 SUS	101 SUS	
Kinematic Viscosity at 40°C (104°F)	220 cSt	220 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	19.9 cSt	19.9 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Falex Load Test	>= 1.70e+6 g	>= 3750 lb	ASTM D3233

Thermal Properties	Metric	English	Comments
Pour Point	-24.0 °C	-11.2 °F	ASTM D97
Flash Point	248 °C	478 °F	ASTM D92

Descriptive Properties	Value	Comments
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Corrosion, Copper Strip Test 3h Descriptive Properties	0 at 100°C Value	Comments
Emulsibility ASTM D1401, mL H2O at 48 h	0	
Foaming Stability, mL	0	
Foaming Tendency, mL	0	
FZG Gear Wear Test, Failure Load Stage	12	
Oxidation, ASTM D2893, % Viscosity Increase	3.2	
Rust Prevention, ASTM D665	Pass	

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