

## ChevronTexaco Aquagear® EP 320

Category : Fluid , Lubricant

### Material Notes:

Texaco Aquagear EP oils deliver value through: Long equipment life — Effective sulfur-phosphorus extreme-pressure additives provide high film thickness that protects gear teeth from wear and premature failure. Long oil life — Special additives and base oil formulations prevent product degradation when operating in severe conditions that lead to rapid oxidation and thermal stress — providing long service life of the oil. Flexibility to use in wet conditions — Quickly forms stable emulsions with water to prevent separated water from corroding equipment, and reduces water corrosion on either steel (rust) or nonferrous metals (including copper and its alloys) in gear sets. Cold weather reliability — Pour point is depressed to provide good cold flow performance at low temperature conditions. Texaco Aquagear EP oils are multipurpose gear lubricants. They are formulated with highly refined, high viscosity index paraffinic base oils and a new generation sulfurphosphorus additive system. Texaco Aquagear EP oils 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. Texaco Aquagear EP oils 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. Texaco Aquagear EP oils are recommended for use in Joy Technologies transmissions or other similar applications where water emulsifying gear oils are required. Texaco Aquagear EP oils meet Joy specifications TO-MEP (ISO 220), TO-HEP (ISO 320) and TO-HD (ISO 460). Texaco Aquagear EP oils can be used in industrial applications where overloading, severe operating conditions, high lubricant operating temperatures, or other problems are encountered. Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 222683; MSDS Number: 8641

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ChevronTexaco-Aquagear-EP-320.php](http://www.lookpolymers.com/polymer_ChevronTexaco-Aquagear-EP-320.php)

Physical Properties	Metric	English	Comments
API Gravity	26 °	26 °	
Viscosity Measurement	3.6	3.6	Viscosity Oxidative % Increase; ASTM D2893
	113	113	Viscosity Index
Saybolt Viscosity at 100°F	1689 SUS	1689 SUS	
Saybolt Viscosity at 210°F	134 SUS	134 SUS	
Kinematic Viscosity at 40°C (104°F)	320 cSt	320 cSt	
Kinematic Viscosity at 100°C (212°F)	27.2 cSt	27.2 cSt	

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

Thermal Properties	Metric	English	Comments
Pour Point	-18.0 °C	-0.400 °F	
Flash Point	244 °C	471 °F	

Descriptive Properties	Value	Comments
Corrosion, Copper Strip	1B	3 h at 100°C
Emulsibility, mL H2O	0	48 h; ASTM D1401
Foaming Stability, mL	0	ASTM D892
Foaming Tendency, mL	0	ASTM D892
FZG Pass Stage	12	DIN 51364
Rust Prevention	Pass	

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