

ChevronTexaco Drive Train Fluid HD, SAE 30

Category : Fluid , Lubricant

Material Notes:

FeaturesChevron Drive Train Fluids HD are high performance lubricants designed for use in transmissions, final drives, and hydraulic systems requiring a fluid meeting Caterpillar TO-4 or Allison C4 requirements. They are manufactured using highly refined base oils, detergents, dispersants, oxidation and corrosion inhibitors, antiwear and extreme pressure agents, and a foam suppressant. Chevron Drive Train Fluids HD are designed for both newly developed and older model drive train components. They offer excellent friction retention, wear control, seal compatibility, oxidation stability, and viscosity stability. The frictional characteristics of the fluid are retained over the life of the lubricant. Components are protected from wear, even in severe service and under high loads. They protect precision parts against wear under high load conditions by controlling the formation of corrosion, varnish, and sludge. Chevron Drive Train Fluids HD are compatible with new and traditional seal and clutch materials.

ApplicationsChevron Drive Train Fluids HD are recommended for use in Caterpillar transmissions, final drives, wetbrakes, Allison Powershift transmissions, torque converters, and hydraulic systems requiring a fluid meeting Allison C4 or Caterpillar TO-4 or TO-2 requirements. Under normal ambient temperatures, hydraulic systems will use the SAE 10W viscosity grade. SAE 10W and 30 are recommended for mobile hydraulic systems where operating requirements are severe. Transmissions will use the SAE 30 viscosity grade. Chevron Drive Train Fluids HD are also recommended for heavy duty off highway automatic transmissions requiring an SAE 10W, 30, 50 or 60 fluid. Final drives will use the SAE 50 viscosity grade at normal temperatures and the SAE 60 at high ambient temperatures. Chevron Drive Train Fluids HD are not recommended for use in combined farm tractor hydraulic and transmission systems where low brake chatter is a requirement.

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http://www.lookpolymers.com/polymer_ChevronTexaco-Drive-Train-Fluid-HD-SAE-30.php

Physical Properties	Metric	English	Comments
API Gravity	29.4 °	29.4 °	
Viscosity Measurement	100	100	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	431 SUS	431 SUS	
Saybolt Viscosity at 210°F	60 SUS	60 SUS	
Kinematic Viscosity at 40°C (104°F)	83 cSt	83 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	10 cSt	10 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-24.0 °C	-11.2 °F	ASTM D97
Flash Point	255 °C	491 °F	ASTM D92

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