

STERN Synthetic Trans 50 P-Series

STERN Synthetic Transmission Fluid is formulated to meet the performance requirements of Caterpillar Specification TO-4 and Allison C-4 for transmissions, final drives, and hydraulic systems. The fluid is manufactured from selected, highly refined base stocks and compounded with additives to enhance oxidation and heat resistance, specified friction control, cleanliness, load carrying ability, corrosion and wear protection, and low foam tendency. Western synthetic transmission fluid 50 has good detergent-dispersant characteristics.

APPLICATIONS

In normal operations the product is designed to meet those applications requiring a SAE 50 for final drives. It should not be used for crankcase motor oil applications or those transmission systems where low brake/clutch chatter is a requirement.

TYPICAL PROPERTIES

<i>Synthetic Trans 50</i>	<i>SAE 50</i>
<i>Viscosity (cSt) at 40°C</i>	185.2
<i>Viscosity (cSt) at 100°C</i>	17.3
<i>Viscosity Index</i>	100
<i>Flash Point, (COC), °F (min)</i>	460
<i>Color, ASTM</i>	4.5
<i>TBN</i>	7.5
<i>Sulfated Ash, %wt</i>	1.2
<i>Pour Point, °F</i>	+5
<i>Gravity, API @ 60°F</i>	27.0