

## SYNTHETIC DRIVE TRAIN 5W-20 TRANSMISSION AND DRIVE TRAIN OIL

	<u>Typical Properties</u>
SAE Grade	
Automotive	SAE 5W-20
Viscosity, cSt	
At 40 C	49.00
At 100 C	8.46
Viscosity Index	150
Viscosity, Cold Crank Sim, -30° C	5512
Flash Point, (COC) Deg ° F (min)	440
Color, ASTM	3.0
TBN	7.5
Sulfated Ash, %	1.2
Pour Point, Deg F	-40
Gravity, API @ 60 F	35.0

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Synthetic Drive Train SAE 5W-20 Fluid is formulated to meet the performance requirements of Caterpillar Specification TO-4 and Allison C-4 for transmissions, final drives, and hydraulic systems. This fluid is manufactured from synthetic base stocks to achieve SAE Multigrade characteristics without the use of viscosity improvers for superior shear stability and boundary lubrication protection. It is compounded with additives to enhance oxidation and heat resistance, specified friction control, cleanliness, load-carrying ability, corrosion and wear protection, and low foam tendency. Synthetic Drive Train TC 5W-20 has good detergent-dispersant characteristics.

### APPLICATIONS

In normal operations the product is designed to meet those applications requiring an SAE 5W-20 for use in Caterpillar transmissions, final drives, wet brakes, and hydraulic systems operating requiring fluid that meets Caterpillar TO-4 requirements.