



SAE TO-4 30 Wt. and 50 Wt. Transmission Oil

Description Pride Plus Advantage TO-4 30 Wt. and 50 Wt. Transmission Oils are formulated to meet the performance requirements of Caterpillar Specification TO-4 and Allison C-4 for transmissions, final drives, and hydraulic systems. The fluids are 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. Pride Plus Advantage TO-4 30 Wt. and 50 Wt. Transmission Oils have good detergent-dispersant characteristics.

Applications In normal operations the products are designed to meet those applications requiring a viscosity grade SAE 30 for transmissions, and SAE 50 for final drives. They are also suggested for heavy-duty truck automatic transmissions requiring fluids meeting SAE 30 viscosity characteristics. They should not be used for crankcase motor oil applications or those transmission systems where low brake/clutch chatter is a requirement.

Typical Properties	SAE Grade	SAE 30	SAE 50
	Automotive		
Viscosity, cSt			
At 40 C		95.2	185.2
At 100 C		11.0	17.3
Viscosity Index		100	100
Viscosity, Cold Crank Sim, -20° C		-	-
Flash Point, (COC) Deg F (min)		425	460
Color, ASTM		3.0	4.5
TBN		7.5+	7.5+
Sulfated Ash, %		1.2	1.2
Pour Point, Deg F		-10	+5
Gravity, API @ 60 F		28.5	27.0

NOTE: The values are representative of current production and may vary within modest ranges.