



TO-4

TRANSMISSION + DRIVE TRAIN OILS

TYPICAL PROPERTIES

SAE GRADE	SAE 10W	SAE 30W	SAE 50W
Viscosity, cSt			
mm ² /s @ 40°C	42.7	95.2	185.2
mm ² /s @ 100°C	6.5	11.0	17.3
Viscosity Index	102	100	100
Viscosity, Cold Crank Sim, -25°C	3250	-	-
Flash Point, (COC) Deg F (min)	400	425	460
Color, ASTM	2.0	3.0	4.5
TBN	7.5	7.5	7.5
Sulfated Ash %	1.2	1.2	1.2
Pour Point, Deg F	-25°	-10°	+5°
Gravity, API @ 60°F	30.0	28.5	27.0

APPLICATIONS

In normal operations the products are designed to meet those applications requiring an SAE 10W primarily for hydraulic systems, viscosity grade SAE 30W for transmissions and SAE 50W for final drives. They are also suggested for heavy-duty truck automatic transmissions requiring fluids meeting SAE 10W or SAE 30W viscosity characteristics. They should not be used for crankcase motor oil applications or transmission systems where low brake/clutch chatter is a requirement.

BENEFITS

OILPRO TO-4 Transmission & Drive Train 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 & wear protection and low foam tendency. **OILPRO TO-4** has good detergent-dispersant characteristics.

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