

Drive Train TC

TRANSMISSION AND DRIVE TRAIN OIL

Product Description

Drive Train TC Fluids are specially engineered to meet Caterpillar TO-4 and Allison C-4 performance requirements for transmissions, final drives, and hydraulic systems. Formulated from highly refined base stocks and enhanced with advanced additive technology, these fluids deliver reliable oxidation stability, thermal resistance, and component protection. They provide balanced friction control, superior cleanliness, load-carrying capacity, and minimized foaming. Drive Train TC exhibits strong detergent-dispersant characteristics to maintain system efficiency.

Key Features & Benefits

- Meets Caterpillar TO-4 and Allison C-4 performance specifications.
- Provides strong wear protection and friction control.
- Ensures system cleanliness and thermal stability.
- Versatile for use across transmissions, hydraulics, and final drives.

Applications

- SAE 10W is ideal for hydraulic systems.
- SAE 30 is recommended for transmission systems.
- SAE 50 is suggested for final drives.
- May be used in heavy-duty truck automatic transmissions that require SAE 10W or SAE 30 fluids.
- Not suitable for crankcase motor oil service or where low brake/clutch chatter is a requirement.

Typical Properties

SAE Grade	SAE 10W	SAE 30	SAE 50	SAE 60
Viscosity, cSt @ 40°C	42.7	95.2	185.2	311.1
Viscosity, cSt @ 100°C	6.5	11.0	17.3	24.5
Viscosity Index	102	100	100	100
Viscosity, Cold Crank Sim, -25° C	3250	-	-	-
Flash Point, (COC) Deg F (min)	400	425	460	475
Color, ASTM	2.0	3.0	4.5	4.5
TBN	7.5	7.5	7.5	7.5
Sulfated Ash, %	1.2	1.2	1.2	1.2
Pour Point, Deg F	-25	-10	+5	10
Gravity, API @ 60 F	30.0	28.5	27.0	26.5

*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.