

# ARCHER POWER TRAN FLUID



Archer Power Tran Fluid is a heavy-duty drive train lubricant designed primarily for use in transmissions, hydraulic systems, differentials, and final drives of Caterpillar equipment. It possesses the required wear, oxidation stability, deposit control, frictional characteristics, and seal compatibility as set forth in Caterpillar specification TO-4. It will provide excellent service in both new and older Caterpillar equipment. It also meets the Allison C-4 requirements for use in Allison powershift transmissions.

Archer Power Tran is also recommended for use in some manual transmissions where the following combination of specifications are allowed: API GL-1, API CD and CAT TO-2. However, it should not be used to top off gear oils in these applications.

## FEATURES & BENEFITS

- Excellent wear protection for highly loaded components.
- Good friction retention for consistent shifting.
- Excellent oxidation stability to minimize deposits.
- Enhanced rust/corrosion prevention to protect internal parts from wear.
- Good seal properties to control swelling, hardening, and cracking.

## TYPICAL SPECIFICATION DATA

ARCHER POWER TRAN FLUID			
SAE GRADE	10	30	50
Viscosity @ 100°C (cSt)	6.0	10.5	18.0
Viscosity @ 40°C (cSt)	35.0	89.0	195.0
Viscosity Index	117	100	101
Density (lb/gal)	7.22	7.35	7.42
Pour Point (°C)	-36	-27	-12
Pour Point (°F)	-33	-17	10
Flash Point (°C)	232	245	252
Flash Point (°F)	450	473	486
Copper Strip, 3 hrs @ 149°C	1A	1A	1A

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**Meets or Exceeds:**

- Allison C-4, C-3 (SAE 10, 30)
- Caterpillar TO-4, TO-2 (obsolete)
- Eaton
- Komatsu KES 07.868.1
- Komatsu Dresser
- Transmissions requiring API CD/TO-2 fluids

**ARCHER POWER TRAN SAE 10**

Package Size	Item Number	Package Size	Item Number
5 Gal.	191118	30 Gal.	191117

**ARCHER POWER TRAN SAE 30**

Package Size	Item Number	Package Size	Item Number
5 Gal.	191120	30 Gal.	191119

**ARCHER POWER TRAN SAE 50**

Package Size	Item Number	Package Size	Item Number
5 Gal.	191121	30 Gal.	191182