

## CANMORE TO-4 HIGH PERFORMANCE TRANSMISSION FLUID

**CANMORE TO-4** is a premium transmission fluid specially formulated to meet the exacting requirements of Caterpillar's latest performance specification, TO-4. Caterpillar recommends TO-4 type fluids in all new and rebuilt drive-train components.

**CANMORE TO-4** can be used wherever Caterpillar recommends its own brand TDTO "or equivalent".

**NOTE:** Unlike the previous TO-2 specification, which allowed engine oils to be used in Caterpillar drive train components, TO-4 oils are designed for use in the drive train **ONLY** and must **NOT** be used in the engine.

**CANMORE TO-4** is also suitable for use where Caterpillar TO-2 (obsolete), Eaton-Fuller\*, Dana\*, Euclid, Vickers M-2950-S or Tremac/TTC\* is requested. In addition, field trial studies have been conducted in a variety of equipment with fluids formulated with TRANSflo TO-4 additive package. \* where TO-4 is called for, Komatsu KES 07.868.1, Caterpillar TO-4M, Sperry Vickers/Eaton:1-280-S, Allison C-4, API GL-4.

### TYPICAL RESULTS

Meets or Exceeds	10W, 30, & 50
API GL-4	SFU
Allison C4	SFU
Caterpillar TO-4 (TO-4M)	SFU
Caterpillar TO-2 (obsolete)	SFU
Komatsu KES 07.868.1	SFU
Sperry Vickers/Eaton I-280-S	SFU
Vickers M2950S	SFU
Eaton-Fuller <sup>1</sup>	SFU
Dana <sup>1</sup>	SFU
Euclid <sup>1</sup>	SFU
Tremac/TTC <sup>1</sup>	SFU
Paker (Denison UTTO) HF-1 to HF-2	SFU
Wet brake applications	SFU

<sup>1</sup> Where TO-4 is called for Suitable for Use (SFU) - Supporting data from field trial studies to demonstrate acceptable performance

GRADE	TO-4 10 W	TO-4 30	TO-4 50
VISCOSITY (D445) cSt @ 40 °C cSt @ 100 °C	39 6.1	99.2 11.2	196.4 17.6
VISCOSITY INDEX (D2270)	101	97	97
BROOKFIELD VISCOSITY (D2983) (°C) cP @ -35 °C cP @ -25 °C	134,000 0	68,000 -	- -
POUR POINT (°C) (D97)	-42	-27	-9
FLASH POINT (°C) (D92)	226	266	282
DENSITY (D4052) (kg/l)	0.884	0.893	0.900

### FEATURES & BENEFITS

- Three grades to match any conditions.
- Maximizes the life of Caterpillar drive train components.
- Proven 5 years of continuous field performance.
- Suitable for wet brakes.
- Suitable for hydraulic use.

### SIZES

TO-4 10 W	TO-4 30	TO-4 50
1 Litre	1 Litre	1 Litre
5 Litre	5 Litre	5 Litre
18.9 Litre	18.9 Litre	18.9 Litre
205 Litre	205 Litre	205 Litre
BULK	BULK	BULK

