

TRANSflo TO-4

High performance Transmission Fluid



Features & Benefits

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

Typical Results

SAE GRADE	10W	30	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) cP @ -35 °C cP @ -25 °C	134,000 -	- 68,000	- -
POUR POINT (D97) (°C)	-42	-27	-9
FLASH POINT (D93) (°C)	212	222	221
DENSITY @ 15°C (D4052) (kg/L)	0.884	0.893	0.900

Specifications

Specifications	10W, 30 & 50
Allison C-2	SFU
Allison C-4	SFU
Allison TES 439	SFU
API GL-4	SFU
Caterpillar TO-2 (obsolete)	SFU
Caterpillar TO-4, TO-4M	SFU
Dana ¹	SFU
Eaton-Fuller ¹	SFU
Euclid ¹	SFU
Komatsu KES 07.868.1	SFU
Tremac/TTC ¹	SFU
Parker (Denison UTTO) HF-1 to HF-2	SFU
Sperry Vickers/Eaton: I-286-S	SFU
Sperry Vickers/Eaton: M2950S	SFU
Wet brake applications	SFU

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



TRANSflo TO-4 is a premium transmission fluid specially formulated to meet the requirements of Caterpillar's latest performance specification, TO-4. Caterpillar recommends TO-4 type fluids in all new and rebuilt drive-train components. **TRANSflo TO-4** can be used wherever Caterpillar recommends its own brand TDTO "or equivalent."

TRANSflo TO-4 is also suitable for use where Caterpillar TO-2 (obsolete), Eaton-Fuller¹, Dana¹, Euclid¹, Vickers M-2950-S or Tremac/TTC¹ is requested. In addition, field trial studies have been conducted in a variety of equipment with fluids formulated with **TRANSflo TO-4** additive package. Komatsu KES 07.868.1, Caterpillar TO-4M, Sperry Vickers/Eaton:1-280-S, Allison C-4, API GL-4

For an all season transmission drive train oil that is required to operate in a wide temperature range, see Irving **TRANSflo TO-4, 10W-40 Synthetic Blend**.

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.



www.irvingoil.com/lubricants
1.800.574.5823

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Sizes & Order Codes

Size	TO-4, 10W	TO-4, 30	TO-4, 50
18.9 L / 5 US gal Pail	F0086240	F0089940	F0078640
60L / 15.85 US gal Keg	-	-	F0020745
205 L / 54.2 US gal Drum	F0020550	F0065650	-
1000 L / 264 US gal Cube	F0020560	F0020660	F0020760
1000 L / 264 US gal Metal Cube	-	F0109560	-
1000 L / 264 US gal Bulk Tote	F0109001	F0108401	F0111501
Bulk	B0020501	B0020601	B0020701