



TRANSto TO-4

High performance Transmission Fluid



Features & Benefits

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

Typical Results

Test Method	TRANSto TO-4, 10W	TRANSto TO-4, 30	TRANSto TO-4, 50
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)	0.88	0.89	0.90

Specifications

- Suitable for use

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

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

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

TRANSto 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 numerous pieces of equipment with fluids formulated with **TRANSto TO-4's** additive package.

For an all-season transmission drive train oil required to operate in a wide temperature range, calling for Caterpillar TO-4M, see Irving **TRANSto TO-4, 10W-40 Synthetic Blend**.

Unlike the previous TO-2 specification, which allowed engine oils to be used in Caterpillar drivetrain components, TO-4 oils are designed for use in the drivetrain ONLY. They 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