

Product Information



Transoil™ SAE TO-4 Fluid

*Formulated to meet CAT® TO-2, CAT® TO-4
& Allison® C-3, Allison® C-4 OEM Requirements*

DESCRIPTION

Xtreme® Transoil™ SAE TO-4 Fluids are premium quality transmission, final drive and hydraulic oils formulated to meet the specific frictional characteristics of Caterpillar and Allison Powershift Transmissions. These fluids are similar to Universal Transmission Hydraulic Fluids used in farm tractors and construction machinery but have higher frictional characteristics designed specifically for Caterpillar and Allison applications.

APPLICATION

- Caterpillar TO-2 & TO-4 applications in logging and construction equipment .
- Allison Powershift Transmissions where C-3 or C-4 Fluids are recommended.
- Not recommended for low chatter clutch and brakes typical in farm tractors

BENEFITS

- High Viscosity Index (VI) base oils improve oxidation resistance.
- Excellent thermal stability improves high temperature operation.
- Extreme pressure additives prevent gear scuffing and scoring.
- Prevents formation of rust and sludge throughout the system.
- Prevents corrosion of copper and brass.
- Excellent hydrolytic stability.
- Excellent resistance to foaming.
- Specific frictional control per OEM specifications

PERFORMANCE LEVELS

Caterpillar	TO-2, TO-4
Allison	C-3, C-4
US Military	MIL-PRF-2104G



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TYPICAL PROPERTIES	Method	SAE 10	SAE 30	SAE 50
Specific Gravity at 15.6°C	D-1298	0.8591	0.8773	0.8894
Viscosity, cSt at 100°C	D-445	4.10	9.30	16.30
Viscosity Index	D-2270	112	123	105
Low Temperature Viscosity				
@ - 35		6,000	-	-
@ - 25	D-2983	-	130,000	-
@ - 15		-	-	125,000
Flash Point, COC °C (°F)	D-92	212 (414)	233 (451)	261(502)
Pour Point, °C (°F)	D-97	-21 (-6)	-24 (-11)	-18 (-0)
Sulfated Ash %	D-874	1.2	1.2	1.2
ML Bulk Number		573853	575971	574119

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

Health And Safety Information See separate Safety Data Sheets available on request.

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