

Product Information



Drivetrain Fluid TO-4M SAE 10W-30

Formulated to OEM Requirements for CAT TO-2, TO-4, TO-4M & Allison C-3, Allison C-4 Fluids

DESCRIPTION

Syngard™ Drivetrain TO-4 Fluid is a premium quality synthetic transmission, final drive and hydraulic oils formulated to meet the specific frictional characteristics of Caterpillar TO-4M and Allison Powershift Transmissions.

These fluids are similar to Premium Universal Tractor Transmission and 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, TO-4M 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 resistance to foaming.
- Specific frictional control per OEM specifications

PERFORMANCE LEVELS

Caterpillar	TO-4M, TO-4
Allison	C-4



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TYPICAL PROPERTIES	Method	TO-4M SAE 10W-30
Specific Gravity at 15.6°C	D-1298	0.8649
Viscosity, cSt at 100°C	D-445	9.9
Viscosity Index	D-2270	139
Flash Point, °C (°F)	D-92	216 (421)
Pour Point, °C (°F)	D-97	- 38 (- 36)
ML Bulk Number		589100

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. For additional qualifications, please contact Martin Technical Service Department.

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

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