



PETRO-CANADA ATF D3M AUTOMATIC TRANSMISSION FLUID

Introduction

Petro-Canada ATF D3M is an automatic transmission fluid that demonstrates exceptional oxidation and thermal stability, giving extremely long service life.

Petro-Canada ATF D3M is formulated with Petro-Canada's 99.9% pure base oils manufactured using the HT Purity Process and a leading-edge additive system. Petro-Canada ATF D3M provides a longer service life thereby increasing productivity due to less maintenance downtime and avoidance of costly transmission repair bills.

Features and Benefits

- **Exceptional oxidation and thermal stability extending fluid life**
 - Lasts 160,000 km (100,000 miles) under normal driving conditions
 - Extends transmission life
 - Improves fuel economy
- **Outstanding fluidity at low temperatures**
 - Allows cold weather start-ups at temperatures down to -40°C / -40°F
 - Reduces transmission wear during cold weather starting
 - Provides smooth gear shifting during low temperature operation
- **Superior anti-wear protection**
 - Reduces wear on bearings, bushings and gears
 - Extends transmission life
- **Optimized frictional properties**
 - Gives smooth gear shifts throughout fluid life
 - Prevents clutch shudder in modulated torque converters
 - Clutch plates and bands last longer

Applications

Petro-Canada ATF D3M is recommended for automatic, powershift and hydrostatic transmissions installed in many older cars and trucks, as well as off-highway vehicles. It also gives excellent performance when used as a hydraulic fluid in mobile equipment.

Petro-Canada ATF D3M may be used in automatic transmissions where a fluid meeting the former General Motors DEXRON® -III(H), -III(G), -II(E), -II or Ford MERCON® specification is recommended. This would include where the legacy General Motors specification 6297M and Ford specifications M2C166-H or M2C185-A are recommended.

In addition, Petro-Canada ATF D3M is Allison TES-389 licensed and may also be used where the following specifications are recommended:

- Mercedes-Benz 236.1/.5/.6/.7
- Allison V-730D and C-4
- Caterpillar TO-2
- Also meets requirements for Clark Powershift & Renke transmissions
- May also be used in hydraulic and power steering systems.
- Meets the Ministry of Defense UK requirement for Joint Service Designation OX-75

Petro-Canada ATF D3M should **NOT** be used where a Ford "Type F" fluid is recommended or where more recent GM or Ford specifications are required. Consult your vehicle owner's manual for specific recommendations.

What is the HT difference?

Petro-Canada starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



Typical Performance Data

PROPERTY	TEST METHOD	ATF D3M
Density, kg/l @ 15°C	D4052	0.855
Colour	-	Red
Flash Point, COC, °C / °F	D92	185 / 365
Viscosity cSt @ 40°C cSt @ 100°C	D445	34 7.7
Viscosity Index	D2270	210
Pour Point, °C / °F	D5950	-51 / -60
Brookfield Viscosity cP @ -20°C cP @ -30°C cP @ -40°C	D2983	1,140 3,160 12,060
Sulphated Ash, % wt	D874	0.1
Base Number, mg KOH/g	D2896	1.1
Qualification Numbers Allison TES-389 Allison C-4		AA-32082007 C4-18391693
Product Identification Code		ATFD3M

The values quoted above are typical of normal production. They do not constitute a specification.

DEXRON® is a registered trademark of General Motors LLC.

MERCON® is a registered trademark of Ford Motor Company.

Health and Safety

To obtain Safety Data Sheets (SDS), contact one of our TechData Info Lines.

TechData Info Lines

If you are an **existing customer** looking to place an order, please call a Customer Order Management Representative at:

Canada (English) Phone 1-800-268-5850
(French) Phone 1-800-576-1686
United States Phone 1-877-730-2369
Latin America/Europe/Asia Phone +1-866-957-4444

You can also e-mail us at lubecsr@suncor.com



If you would like to **become a Petro-Canada lubricants customer** and require more information about specialty fluids, oils and greases that can help maximize your equipment performance, savings and productivity, please contact us at:

North America Phone 1-866-335-3369
Europe Phone +44 (0) 121-781-7264
Germany Phone 0800-589-4751
China Phone +86 (21) 6362-0066

Visit us on the web at lubricants.petro-canada.com