



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 patented HT Purity Process and a leading-edge additive system. This combination provides you with an automatic transmission fluid that has the same product performance as the fluid that is in your vehicle when it comes off the assembly line. This means providing you with an Automatic Transmission Fluid with longer service life thereby increasing your productivity due to less maintenance downtime and avoidance of costly transmission repair bills.

Features and Benefits

- **Exceptional oxidation and thermal stability giving you a fluid that stays like new longer**
 - 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 -36°C / -33°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 used on most cars, trucks and 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 DEXRON®-IIIH, -IIIG, -IIE, -II or Ford MERCON® specification is recommended. GM recommends the use of DEXRON®-VI for all GM automatic transmissions. Ford recommends the use of MERCON®-V in all Ford automatic transmissions where the former MERCON® specification was required. This fluid may also be used where the following specifications are recommended:

- Mercedes-Benz 236.1
- Allison TES - 389 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

However, it should **NOT** be used where a "Type F" fluid is recommended. Consult your vehicle owner's manual for specific recommendations.

What is the HT difference?

Petro-Canada starts with the patented 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	0.865
Colour	-	Red
Flash Point, °C / °F	D92	185 / 365
Viscosity cSt @ 40°C (SUS@100°F) cSt @ 100°C (SUS@210°F)	D445	34.0 / 171 7.7 / 51.8
Viscosity Index	D2270	210
Pour Point, °C / °F	D97	-51 / -60
Brookfield Viscosity cP @ -20°C cP @ -30°C cP @ -40°C	D2983	990 3,000 12,100
Sulphated Ash, % wt	D874	0.1
Total Base No.	D2896	1.1
Qualification Numbers Allison TES-389 Allison C4		AA-32082007 C4-18391693
Product Identification Code		ATFD3M
Available Package Size		Bulk, 205L Drum, 20L Pail, 1L

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

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MERCON® is a registered trademark of Ford Motor Co.

Health and Safety

To obtain Material Safety Data Sheet (MSDS), contact one of Petro-Canada's TechData Info Lines.

TechData Info Lines

If you would like to know more about Petro-Canada's ATF D3M, or any other product in our complete line of quality lubricants, please contact us at:

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