



A HOLLYFRONTIER BUSINESS

TECH DATA

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.

Canada's 99.9% pure base oils manufactured using the HT Purity Process and a leading-edge additive system. This provides 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
- Long fluid life

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 DEXRON® -III(H), -III(G), -II(E), -II or Ford MERCON® specification is recommended.

In addition, Petro-Canada ATF D3M may also be used where the following specifications are recommended:

- Mercedes-Benz 236.1
- Allison TES-389
- Allison V-730D and C-4
- Caterpillar TO - 2
- Ford M2C166H
- 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 Lubricants 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.



TM

Petro-Canada ATF D3M should **NOT** be used where a Ford “**Type F**” fluid is recommended. Consult your vehicle owner’s manual for specific recommendations.

Note: GM recommends the use of DEXRON®-VI for all GM automatic transmissions. Ford recommends the use of MERCON®-LV or MERCON® -SP in all Ford automatic transmissions where the former MERCON® specification was required.

TYPICAL PERFORMANCE DATA

Property	Test Method	ATF D3M
Density, kg/l @ 15°C	D4052	0.850
Colour	–	Red
Flash Point, °C / °F	D92	195 / 383
Viscosity, cSt @ 40°C (SUS@100°F) cSt @ 100°C (SUS@210°F)	D445	34 / 171 7.4 / 50
Viscosity Index	D2270	190
Pour Point, °C / °F	D5950	-54 / -65
Brookfield Viscosity cP @ -20°C cP @ -30°C cP @ -40°C	D2983	1,100 3,400 13,300
Sulphated Ash, % wt	D874	0.1
Total Base No.	D2896	1.4
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 Corp.

Learn more about us: lubricants.petro-canada.com
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Committed to the disciplined operation of our business.



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