



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.

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 meets Allison TES-389 Rev. B and 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
- JASO M315-1A
- May also be used in hydraulic and power steering systems

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.



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 where the former DEXRON® -III(H) was specified. Ford recommends the use of MERCON®V 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](http://lubricants.petro-canada.com)  
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Committed to the disciplined operation of our business.



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