



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 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
 - 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 DEXRON® -III(H), -III(G), -II(E), -II or Ford MERCON® specification is 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
- 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 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®-V in all Ford automatic transmissions where the former MERCON® specification was required.

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	0.855
Colour	-	Red
Flash Point, °C / °F	D92	185 / 365
Viscosity		
cSt @ 40°C (SUS@100°F)	D445	34 / 171
cSt @ 100°C (SUS@210°F)		7.7 / 52
Viscosity Index	D2270	210
Pour Point, °C / °F	D5950	-51 / -60
Brookfield Viscosity		
cP @ -20°C	D2983	1,140
cP @ -30°C		3,160
cP @ -40°C		12,100
Sulphated Ash, % wt	D874	0.1
Total Base No.	D2896	1.1
Qualification Numbers		
Allison TES-389		AA-32082007
Allison C-4		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 Corp.

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:

Lubricants Head Office
Petro-Canada Lubricants Inc.
2310 Lakeshore Road West
Mississauga, Ontario
Canada L5J 1K2



Canada - West Phone 1-800-661-1199
- East (English) Phone 1-800-268-5850
(French) Phone 1-800-576-1686
Other Areas Phone (416) 730-2408
E-mail lubecsr@suncor.com
Website lubricants.petro-canada.ca

Petro-Canada Europe Lubricants Limited
Wellington House, Starley Way
Birmingham International Park
Solihull, B37 7HB, United Kingdom

Telephone +44 (0) 121 781 7264
 Fax +44 (0) 121 781 7401
 UK Website www.petro-canada.co.uk
 German Website www.petro-canada.de

Petro-Canada America Lubricants
980 North Michigan Avenue
Suite 1400, #1431
Chicago, Illinois
USA 60611

Phone 1-888-284-4572
 Fax 1-708-246-8994
 E-mail email@petro-canadaamerica.com

Petro-Canada Asia Pacific Holding Company Ltd.
Jia Shi Lubricants Trading (Shanghai) Co. Ltd.
1908 World Trade Tower
500 Guangdong Road, Huangpu District
Shanghai, China 200001

Phone +86-21-6362-0066
 Fax +86-21-6362-0536
 E-mail asiapacific@suncor.com
 Website www.petrocanada.cn

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Beyond today's standards.

