



SUPER ATF D/M

AUTOMATIC TRANSMISSION FLUID

May 2014

ATF is premium multipurpose fluids specifically formulated to meet the requirements of the GM and Ford specifications covering fluids for use in automatic type automotive transmissions.

In service **ATF** offer the following benefits:

- ◆ Excellent low temperature fluidity for good cold-start shifting
- ◆ Protection against rust, corrosion and wear
- ◆ Excellent shift quality throughout service life
- ◆ Cleaner transmissions by minimizing sludge and varnish deposits
- ◆ Compatibility with all transmission seal materials
- ◆ Excellent multi-purpose hydraulic fluid
- ◆ Multiple approvals and recommended for most automatic, powershift, hydrostatic and many standard transmissions

Product Applications

Passenger car and light truck automatic transmissions require lubricants with specific viscometrics, friction, wear and oxidation stability properties to meet the specific requirements of automotive transmissions.

Under the DEXRON® and MERCON® quality specifications, GM and Ford, respectively, define these properties.

These products can be used in many light duty manual transmissions. Because of their excellent low temperature fluidity and anti-wear properties, they may also be suitable as a winter grade in many heavy-duty manual transmissions specifying SAE 10W, 20W-20, or 5W-20 engine oils.

They can also be used in high speed, high pressure hydraulic systems, particularly those operating at low ambient temperatures, screw type flood-lubricated air compressors and certain power steering systems.

Product Recommendations and Approvals

Automatic Transmissions

ATF meets the former GM DEXRON®-III-H and FORD MERCON® performance approvals. It is recommended for passenger car and light duty truck transmissions from manufacturers specifying DEXRON®-III-H, DEXRON®-III, DEXRON®-II, DEXRON®, MERCON®, Type A Suffix A, Type A, Ford M2C-138CJ or Ford M2C-166H, including:

G. M.	Fiat	Mazda*	Suzuki
Ford*	Honda	Mercedes*	Toyota
AMC	Infiniti	Nissan	Volvo*
Acura	Isuzu	Peugeot	VW
Audi	Jaguar*	Porsche	Alfa Romeo
BMW	Jeep	Saab	

*Check dipstick or owner's manual for product to use. For transmissions specifying Ford M2C-33F (Type F) use a Type F fluid.

Power Shift / Hydrostatic Transmissions

ATF is recommended for use in:

Power shift and hydrostatic transmissions and drives specifying Allison C-3, C-4 or Caterpillar TO-2

Detroit Allison V700 including V730D series

AT500, MT600, HT70, 700, VH and VS Series

ALT CLBT 750, 5000, 6000, 9000 CRT 3000, DP 8000

Transmissions requiring Voith, Daimler Benz and ZF approval

Hydraulics

ATF pass the Vickers 35VQ25 vane pump test with excellent wear and flow performance characteristics and meet the Sunstrand axial piston pump fluid specifications. They are recommended for most hydraulic systems using vane, gear and piston pumps including Vickers, Racine, Denison, Sundstrand and others.

Product Handling and Maintenance

ATF is manufactured from high quality petroleum base stocks, carefully blended with selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. Special care is also recommended in handling used motor oils. Please refer to the Material Safety Data Sheet for further information.

Note: This product is not controlled under Canadian WHMIS legislation.

Typical Properties

	ATF
Density @ 15°C, kg/m ³	855
Colour	Red Dyed
Pour Point, °C	-48
Flash Point, °C	177
Viscosity Index	193
Kinematic Viscosity, cSt	
@ 40°C	37
@ 100°C	7.3
Brookfield Viscosity, cP	
@ -20°C	1,000
@ -30°C	3,300
@ -40°C	17,000

The typical properties shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.