



# HAVOLINE<sup>®</sup> MULTI-VEHICLE ATF

## CUSTOMER BENEFITS

Havoline Multi-Vehicle ATF delivers value through:

- **Lower inventory cost** — One ATF can be used for the vast majority of automatic transmissions on the road today.
- **Longer equipment life** — Advanced formula protects against wear, corrosion, and the formation of lacquers, sludge, or other harmful deposits.
- **Longer oil life** — Premium base oil and extra oxidation inhibitors result in increased oil service life.
- **Smoother operation** — Carefully chosen friction modifiers allow for smooth shifting, efficient power transfer, and anti-shudder protection.

## FEATURES

Havoline Multi-Vehicle ATF is an advanced technology, high performance, multipurpose power transmission fluid. It is fully approved and licensed under the DEXRON<sup>®1</sup>-III, MERCON<sup>®2</sup> V, and Allison C-4 specifications. In addition, it is suitable for service fill of many transmissions manufactured by DaimlerChrysler, ZF, Voith, and other Asian and European OEMs.

It is formulated with premium, severely hydroprocessed base stocks and carefully crafted additives that provide oxidation and thermal stability, friction control, load-carrying ability, corrosion and wear protection. It helps protect against the formation of sludge, varnish, other harmful deposits, and foam.

Compared to conventional ATFs, Havoline Multi-Vehicle ATF has exceptional low temperature flow properties and enhanced protection against viscosity breakdown at high temperatures. It also has superior oxidation and thermal stability, resulting in longer service life.

Under the most severe operating conditions, this fluid:

- Maintains friction control for smooth shift action and prevention of shudder
- Retains high temperature viscosity resulting in increased oil film thickness and better wear protection
- Greatly extends the time to transmission overhauls due to sludge, corrosion, or wear of gears, bearings, and clutches.

1. DEXRON is a registered trademark of General Motors Corporation.  
2. MERCON and MERCON V are registered trademarks of Ford Motor Company.

## APPLICATIONS

Havoline Multi-Vehicle ATF is recommended for all applications that call for DEXRON<sup>®</sup>-II, DEXRON<sup>®</sup>-III, MERCON<sup>®</sup>, MERCON<sup>®</sup> V, and Allison C-4 fluids. It has passed the performance test requirements of ZF and Voith, and the additive technology has been field tested and found suitable for service fill in Chrysler transmissions calling for ATF+3<sup>®</sup> or ATF+4<sup>®3</sup>.

Havoline Multi-Vehicle ATF is suitable for service fill of the vast majority of vehicles made in North America by **Ford, General Motors, and Chrysler.**

It will also work well in many Japanese, Korean, and European vehicles such as those made by **Acura, BMW, Daewoo, Honda, Hyundai, Infiniti, Isuzu, Jaguar, KIA, Land Rover, Lexus, Mazda, Mitsubishi, Nissan, Saab, Subaru, Suzuki, Toyota, Volkswagen, and Volvo.**

Havoline Multi-Vehicle ATF has the following qualifications:

Allison Transmission	C4-31642005
Ford MERCON V	M5050901
General Motors DEXRON-III	H-36440
Voith	G607
ZF	TE-ML 14A

Havoline Multi-Vehicle ATF has been tested for performance in Japanese transmissions under the JASO 1A ATF standard. The product will deliver the shifting performance and superior anti-shudder durability which is desired by Japanese and Korean automakers.

Always check your owner's manual to determine the proper automatic transmission fluid for your vehicle.

Havoline Multi-Vehicle ATF is not suitable for a limited number of special applications, such as:

- Ford transmissions manufactured before 1977 and some pre-1982 transmissions require a Type F fluid such as Havoline ATF Type F (no friction modifier)
- Vehicles with continuously variable transmissions (CVTs) require special fluids.

3. ATF+3 and ATF+4 are registered trademarks of DaimlerChrysler Corporation.

**TYPICAL TEST DATA**

<i>CPS Number</i>	222130
<i>MSDS Number</i>	13642
API Gravity	34.0
Viscosity, Kinematic cSt at 40°C cSt at 100°C	37.6 8.4
Viscosity, Saybolt SUS at 100°F SUS at 210°F	189 54
Viscosity, Brookfield cP at -40°C	12,100
Viscosity Index	210
Flash Point, °C(°F)	180(356)
Pour Point, °C(°F)	-45(-49)
Color	Red

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.