



# HAVOLINE® GLOBAL MULTI-VEHICLE ATF

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## PRODUCT DESCRIPTION

Havoline® Global Multi-Vehicle ATF is a premium, synthetic blend transmission fluid specifically designed for use in automatic transmissions in most passenger cars, SUVs, light duty trucks, and vans.

Havoline Global Multi-Vehicle ATF is designed to meet the fluid needs of a wide range of modern automatic transmissions in North American, Japanese and European vehicles. This product also enables professional installers to consolidate their inventories, while eliminating the use of ATF supplements that, when added to another Havoline ATF, change the chemistry and may harm transmissions.

## CUSTOMER BENEFITS

Havoline Global Multi-Vehicle ATF delivers value through:

- **Versatility** — Can be used in most passenger cars, SUVs, light duty trucks and vans.
- **Reduced inventory carrying cost** — Helps eliminate the need for stocking supplemental additives or top treats which may harm transmissions.
- **Maximum equipment life** — Advanced formula protects against wear, corrosion, and the formation of lacquers, sludge, or other harmful deposits.
- **Long oil life** — Premium base oil combined with more effective oxidation inhibitors, resulting in maximum oil service life.
- **Excellent cold flow properties** — Synthetic blend formulation ensures better low temperature fluidity than conventional fluids.
- **Improved fuel economy** — Due to lower viscous drag, compared to conventional fluids.
- **Smooth operation** — Carefully chosen friction modifiers allow for smooth shifting, efficient power transfer, and anti-shudder protection.

## FEATURES

Havoline Global Multi-Vehicle ATF is an advanced, high performance, multi-purpose power transmission fluid. It has been tested for use in the latest generation of low-viscosity ATF applications and is also backward compatible with most high-viscosity applications.

Havoline Global Multi-Vehicle ATF is formulated with a synthetic blend of premium, severely hydroprocessed base stocks and carefully crafted additives that help provide friction control, load-carrying ability, corrosion and wear protection. It provides good foam resistance and helps protect against the formation of sludge, varnish, and other harmful deposits.

Havoline Global Multi-Vehicle ATF has exceptional low temperature flow properties and enhanced protection against viscosity breakdown at high temperatures, as well as exceptional oxidation and thermal stability, prolonging oil life up to two times that of conventional high-viscosity ATFs.

Under severe operating conditions, this fluid:

- Maintains friction control for smooth shift action and protection against shudder.
- Operates well over a wide temperature range.
- Retains high temperature viscosity resulting in maximum oil film thickness and excellent wear protection.
- Helps minimize the chances of a transmission overhaul due to sludge, corrosion, or wear of gears, bearings, and clutches.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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### APPLICATIONS

Havoline® Global Multi-Vehicle ATF can be used in a wide variety of North American, Japanese and European passenger cars, SUVs and light duty trucks. It has passed the **JASO** 1A-LV<sub>13</sub> (M315) standard tests for performance in Japanese vehicles. The product delivers the shifting performance and exceptional anti-shudder durability desired by Japanese and Korean automakers.

Havoline Global Multi-Vehicle ATF is recommended for the following applications:

- **Aisin Warner** AW-1
- **Allison** TES-389\*, C-4
- **Apolloil/Kia** ATF Red-1K
- **BMW** LT 71141, LA2634, M-1375.4, 7045-E, ETL-8072B
- **Esso** Type LT 71141 ATF
- **Ford** MERCON®\* (in California, use Havoline ATF MD-3)
- **Ford** MERCON® V\* (in California, use Havoline ATF MERCON V)
- **Ford** MERCON® SP\* and MERCON® LV<sup>1</sup>\*
- **General Motors** DEXRON®-II(E), DEXRON-III(G,H), DEXRON-VI<sup>2</sup>
- **Honda/Acura** DW-1, ATF-Z1
- **Hyundai/Kia** SP-IV, SPH-IV/SP4-M
- **Hyundai/Kia/Mitsubishi** Diamond SP, SP-II, SP-III
- **Idemitsu** ATF HP, K17
- **Isuzu** ATF-II, ATF-III, Genuine ATF
- **JASO M315** Class 1A\* and 2013, 1A-LV
- **Mazda** ATF 3317, F-1, FZ/S-1/N-1, M-III, M-V
- **Mercedes** MB 236.41/5/6/7/8/9/91/10/11, NAG-1
- **Mercedes** MB 236.12\*, MB 236.14\*, MB 236.15\*
- **Mitsubishi** ATF-J2, ATF-J3
- **Nissan** 402, Matic D/J/K/S
- **Shell** ATF 134, 3353, M-1375.4/6, LA2634
- **Shell/Audi** M-L 12108
- **Subaru** ATF, ATF 5AT, ATF-HP

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1 MERCON is a registered trademark of Ford Motor Company.

2 DEXRON is a registered trademark of General Motors Corporation.

- **Texaco** 7045-E, ETL-8072 B, N402
- **Toyota/Lexus** Type T, T-III, T-IV (JWS 3309), WS (JWS 3324)
- **Voith** H55.6335.xx (G607)
- **Volkswagen/Audi** TL 52162, TL 52533, ZF 5HP (18FL, 30)
- **Volvo** 1161521, 1161540, 1161640, STD 1273.40 (97340), STD 1273.41 (97341)
- **ZF** TE-ML 11A/B
- Hybrid vehicles with electronic, continuously variable transmissions (eCVTs) where the OEM specifies a Toyota Type WS fluid

Chevron does not recommend Havoline Full Synthetic Multi-Vehicle ATF for use in vehicles with continuously variable transmissions (CVTs) or dual clutch transmissions (DCTs) unless indicated above, nor in Ford transmissions where Ford Type F fluids are recommended.

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

\*California law prohibits all manufacturers of multi-vehicle ATF from recommending products in certain applications where the viscometrics do not match those of the official OEM specification. Therefore, Chevron does not recommend the use of Havoline Global Multi-Vehicle ATF in these applications in California.

Chevron has conducted extensive laboratory evaluations and field testing to support Havoline Global Multi-Vehicle ATF performance, although it may not meet all laboratory test requirements for certain OEM specifications. Its use in transmissions where recommended by Chevron will not void the vehicle's warranty. All Havoline products, including Havoline Global Multi-Vehicle ATF, are backed by Chevron's Limited Product Warranty.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

**TYPICAL TEST DATA**

<i>Product Number</i>	226537
<i>SDS/MSDS Number</i>	
<i>USA</i>	40639
<i>Canada</i>	40640
<i>Mexico</i>	40641
API Gravity	33.0
Viscosity, Kinematic	
cSt at 40°C	31.0
cSt at 100°C	6.2
Viscosity, Brookfield	13,000
cP at -40°C	
Viscosity Index	155
Flash Point, °C(°F)	216(421)
Pour Point, °C(°F)	-54(-65)
Color	Red

Minor variations in product typical test data are to be expected in normal manufacturing.

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