



HAVOLINE® FULL SYNTHETIC MULTI-VEHICLE ATF

PRODUCT DESCRIPTION

Havoline® Full Synthetic Multi-Vehicle Automatic Transmission Fluid (ATF) is a premium, full synthetic transmission fluid with a low viscosity formulation, superior friction control, and dependable protection for use in 6+ speed automatic transmissions of both domestic and import vehicles (model Years 2006 and newer, refer to owner's manual). It is approved by Ford and General Motors for use in transmissions and transaxles requiring their latest ATF specifications - DEXRON®-VI* and MERCON®-LV.† It also exceeds the requirements of JASO 1A-LV, the performance standards created by Japanese automobile manufacturers and recognized by Japanese and Korean carmakers for certifying the ATF for use in their vehicles.

CUSTOMER BENEFITS

Havoline Full Synthetic Multi-Vehicle ATF delivers value through:

- **Peace of mind** - officially approved fluid for General Motors DEXRON-VI and Ford MERCON-LV applications so it offers warranty coverage for vehicles that specify these specifications.
- **Broad coverage** - backward compatible with all applications that require General Motor DEXRON-III, DEXRON-II and DEXRON specs. Recommended for many Toyota, Honda, Hyundai vehicles and other import vehicles.‡
- **Maximize transmission life** - advanced formula made with high purity synthetic base oils resists foaming and protects transmission against wear, corrosion, and sludge formation.
- **Lower maintenance costs** - superior high temperature and anti-oxidation properties help

* DEXRON is a registered trademark of General Motors Corporation.

† MERCON is a registered trademark of Ford Motor Company.

protect the transmission and keep it clean during extended drain intervals.

- **Improve fuel economy** - low viscosity formula reduces transmission drag and improves efficiency to help maximize fuel economy.
- **Save money with proven technology** - this product has been proven to work with modern vehicles through extensive tests, so there's no need for supplemental additives or top treats.

FEATURES

Havoline Full Synthetic Multi-Vehicle ATF is formulated with high purity synthetic base oils and long-lasting viscosity modifiers to meet the demanding requirements of modern vehicles.

- Friction control and performance - maintains friction control and excellent friction performance for smooth and consistent shifting without any shudder as the fluid ages in the transmission, even under extreme driving conditions. It also exceeds the friction performance requirements of JASO, DEXRON-VI and MERCON-LV standards.
- Oxidation stability and wear protection - Helps keep transmission cleaner and lasting longer by providing excellent oxidation stability and superior protection of transmission components from wear and degradation (to reduce noise and vibration) over a wide range of temperatures.
- Shear stability with exceptional lubrication - Retains fluid viscosity and physical properties, and provides efficient power transfer from engine to wheels at high temperatures and under the most demanding operating conditions.

‡ 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. Havoline Full Synthetic Multi-Vehicle ATF is not recommended for transmissions where Ford Type F, MERCON, MERCON V, MERCON SP, MERCON ULV is specified.

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

Licensed/approved for use in:

- All **Ford** vehicles requiring MERCON®-LV fluid (**MERCON-LV license number MLV190802**)
- All General Motors and other vehicles specifying DEXRON®-VI, DEXRON®-III, DEXRON®-II or DEXRON® fluid (**DEXRON-VI license number J-62318**)

Recommended by Chevron for use in:

- **JASO 1A-LV (M315) specification** for shifting performance, shear stability and exceptional anti-shudder durability desired by Asian automakers for their high and low viscosity applications
- **Voith H55.6335.xx (G607)**
- Vehicles built with ZF and Aisin Warner transmissions, where LifeguardFluid 5, LifeguardFluid 8, LifeguardFluid 9, AW-1 or AW-2 fluids are specified
- **Hybrid Vehicles** where Toyota Type WS fluid or any fluid listed in the table below is specified
- Most modern transmissions manufactured by European, Asian and North American OEMs, where the below standards are specified:

OEM	Fluid Spec
BMW	ETL-8072B P/N 83 22 0 397 114 P/N 83 22 2 152 426
Chrysler/FCA	Mopar ASRC P/N 68043742AA3 P/N 68218925AA
General Motors	Saturn P/N 22717466
Honda	ATF Type 3.0 ATF DW-1, ATF-Z1
Hyundai/Kia	SP-IV SP-IV-RR SP4-M1 WS (NWS-9638) SPH-IV
Jaguar - Land Rover	JLM 20238 JLM 20292 WSS-M2C922-A1

OEM	Fluid Spec
Mercedes Benz	MB 236.41 MB 236.8
Nissan/Infiniti	Matic W
Porsche	P/N 000 043 204 63 P/N 000 043 304 00
Suzuki	Matic-D
Toyota/Lexus	Type T-II Type T-III Type-IV ATF WS (JWS 3324 / NWS 9638)
Volkswagen	G 060 540 A2 G 055 540 A2
Volvo	P/N 1161521 P/N 31 256 774
ZF	TE-ML 09

All Havoline products, including Havoline Full Synthetic Multi-Vehicle ATF, are backed by Chevron's Limited Product Warranty. Always check your owner's manual to determine the proper automatic transmission fluid for your vehicle. 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.

For additional information on this product, please consult the Havoline ATF guide, Havoline Recommendation Guide or a Chevron sales representative.

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TYPICAL TEST DATA

	Test Method	
<i>Product Number</i>		226536
<i>SDS Number</i>		39548
Density at 15°C, kg/L	ASTM D4052	0.8477
Viscosity, Kinematic cSt at 40°C cSt at 100°C	ASTM D445	29.0 5.8
Viscosity, Brookfield cP at -40°C	ASTM D2983	10,300
Viscosity Index	ASTM D2770	148
Flash Point, °C(°F)	ASTM D92	217(423)
Pour Point, °C(°F)	ASTM D97	-54(-65)
Color		Red

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

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