



# Havoline® Full Synthetic Multi-Vehicle ATF

## Passenger Car Motor Oil

Product Data Sheet

### Product description

Havoline Full Synthetic Multi-Vehicle ATF is a premium synthetic transmission fluid with a low viscosity formulation, superior friction control and dependable protection for use in most 6+ speed automatic transmissions. It is approved by General Motors for use in transmissions and transaxles requiring DEXRON®-VI, and it exceeds the JASO 1A-LV requirements. It has been tested for use in many vehicles manufactured by North American, European and Asian automakers (refer to owner's manual).

### Customer benefits

Havoline Full Synthetic Multi-Vehicle ATF delivers value through:

**Warranty Coverage** – as an ATF officially approved by General Motors for vehicles that specify a DEXRON-VI fluid

**Minimized inventory cost** by having one premium ATF that can be used for the vast majority of modern automatic transmissions on the road today, without the need for supplemental additives or top treats

**Maximum transmission life** with an advanced formula that protects against wear, corrosion, and the formation of lacquers, sludge or other harmful deposits

**Extended drain intervals** because of improved oxidation resistance

**Improved fuel economy** relative to conventional fluids because of lower viscous drag

**Backward compatibility** with all previous General Motors DEXRON recommendations

*\* DEXRON is a registered trademark of General Motors Corporation.*

### Applications

Havoline Full Synthetic Multi-Vehicle ATF has been formulated and tested for use in wide variety of transmissions that specify high- and low- viscosity fluids. It is approved by General Motors in automatic transmissions and automatic transaxles where a DEXRON®-VI fluid is specified (Model Years 2006 and newer) and is backward compatible in transmissions calling for DEXRON, DEXRON-II or DEXRON-III/IIIH fluids.

### Product features:

**Havoline Full Synthetic Multi-Vehicle ATF** is a low viscosity product formulated with high purity synthetic base stocks for use in modern transmissions.

#### Havoline Full Synthetic Multi-Vehicle ATF:

- Provides excellent shift quality with high torque capacity throughout service life, that avoids clutch slippage and wear, avoids vehicle shudder while stopped and helps clutch plates and bands last longer
- Viscosity and excellent oxidation stability are maintained through long-lasting viscosity modifiers over a wide temperature range
- Protects gears, bearings, clutch plates, seals, bushings and other components from wear and degradation
- Resists foaming and enables outstanding operability and long equipment life

A Chevron company product





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**Havoline Full Synthetic Multi-Vehicle ATF is approved for:**

- General Motors DEXRON-VI specification  
GMW16444 (license number J-60213)

**Havoline Full Synthetic Multi-Vehicle ATF is recommended for** most late model transmissions manufactured by European, Asian and North American OEMs, including:

- **Aisin** AW-1, WS 3309(T-IV), JWS 3324(W5)
- **Allison** C-3 & C-4
- **BMW** JWS 3309(T-IV), LA 2634, LT 71141, ZF 5HP)18FL, 5HP24, 5HP30, 7045E, ETL-8072B, BMW MINI
- **Bosch** TE-MOL 09
- **Caterpillar** TO-2
- **Daihatsu** AMMIX ATF D-II
- **FCA US LLC** ATF+, ATF+2, T-IV, JWS 3309
- **Ford** MERCON®, M2C138CJ, M2C166H, M2C 922A1, 924A, ESP-M2C166H, XL-12

‡ MERCON is a registered trademark of Ford Motor Company. Although Havoline Full Synthetic Multi-Vehicle ATF is suitable for use in transmissions that require MERCON or MERCON V fluids, this product is not officially licensed or approved by Ford for such applications and its use may void Ford's warranty.

- **General Motors/Opel** Dexron-II, Dexron IIIH, 1940700, 1940767, 22717466, 88900925, 9986195, 93160393, AW1, 8863400, 8863401, 21005966, 22 17466
- **Hino** Blue Ribon ATF
- **Honda/Acura** DW-1, ATF Z-1(except for CVTs) 08200-9008
- **Hyundai/Kia** SP-II, SP-III, SP-IV, SP-IV-RR, SP-IV M, JWS 3314, NWS 9638, 040000C90SG
- **Isuzu** Genuine ATF, ATF II, ATF III, ATF SP, SCS Fluid, 80200-9001,
- **Jaguar Land Rover** JLM 20238, JLM 20292
- **JASO** M315-2013 1A, 1A-LV, 2A
- **Mazda** ATF D-II, ATF M-III, ATF M-V, ATF FZ, ATF F-1, ATF N-1, ATF 3317
- **Mercedes** MB 236.2, 236.7, 236.8, 236.10, 236.12, 236.14, 236.15
- **Mitsubishi/Fuso** Diaqueen SK, Diaqueen AW, Diaqueen J2, Diaqueen J3, Diaqueen ATF PA, SP-II, SP-III, ATF-II, ATF-SPIII, ATF-A4
- **Nissan/Infiniti** Matic C, Matic D, Matic J, Matic K, Matic S



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- **Peugeot/Citreon** ZF 4HP 20, Z 000169756, AL4
- **Porsche** ZF 5HP19FL, ZF 5hP 20, 3403-M115, T-IV, 000 043 205 09, 999 917 457 00(A2), 000 043 205 28, Z 000269756
- **Renault/Samsung** SATF-D, Matic D2
- **Subaru** ATF, ATF HP, TF 5AT, K0140Y0700
- **Suzuki** ATF AW-1, AT Oil 5D06, ATF 2326, ATF 2384K, JWS 3309, ATF 3314, ATF 3347
- **Toyota/Lexus** ATF D-II, D-III, T-IV, WS
- **Voith** H55.6335.XX(G607)
- **Volkswagen/Audi** 5HP, Part #G 052 025 A2, G 052 162, G 052 162, G052 990, 055 540, 052 055
- **Volvo** Part No. 1161521, 1161540/1161640, 31 256 774/31256775
- **ZF** 3 & 4 speed transmission, TE-ML 05L, TE-ML 09, TE-ML-11A, TE-ML 11B, TE-ML 21L
- Hybrid vehicles where the OEM specifies a MERCON LV or a Toyota Type WS fluid.

This product is not suitable for belt- or chain-driven continuously variable transmission (CVT), dual-clutch transmissions (DCT) and Ford Type F applications.

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

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.



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## Typical test data

HAVOLINE® FULL SYNTHETIC MULTI-VEHICLE ATF KEY PROPERTIES	RESULTS
<b>Product Code</b>	<b>510126</b>
<b>Density, kg/L @ 15°C</b>	0.841
<b>Viscosity,</b> cSt @ 40°C	29.0
cSt @ 100°C	6.0
<b>Viscosity, Brookfield cP @ -40°C</b>	10,800
<b>Viscosity Index</b>	159
<b>Flash Point, °C</b>	228
<b>Pour Point, °C</b>	-54
<b>Color</b>	Red

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Global Lubricants: Africa, Middle East and Pakistan

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltexoils.com](http://www.caltexoils.com).

**For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)**

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