

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 and product features

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.

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.

* DEXRON is a registered trademark of General Motors Corporation.



Approvals, performance and recommendations

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.

Havoline Full Synthetic Multi-Vehicle ATF is approved for:

• General Motors DEXRON-VI specification – GMW16444 (license number J-62103)

Havoline Full Synthetic Multi-Vehicle ATF meets the requirements of:

- Allison C-4
- JASO 1A-LV₁₃ (M315) performance standard created by Japanese automobile manufacturers, for the shear stability and exceptional anti-shudder durability desired for Japanese and Korean vehicles.
- Mercedes MB 236.41
- Voith H55.6335.3X

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, AW-2, JWS 3309, JWS 3324 ATF, ATF-OWS
- BMW Part #83 22 0 397 114, 83 22 0 403 248, 22, 83 22 0 163 514, 83 22 0 142 516, 83 22 0 026 922, 81 22 9 400 272, 83 22 9 407 807, 83 22 7 542 290, 83 22 2 355 601, 83 22 2 355 599, 83 22 2 289 720, 83 22 2 220 438, 83 22 2 152 426, 83 22 0 024 359, ATF 3+, ATF 6
- Daihatsu D3-SP
- FCA US LLC Part #68092912AAAA, 68218925AA (for ZF 8 & 9 speed), 68043742M (for Dodge/Jeep)
- Ford MERCON[®], MERCON[®] V, MERCON[®] SP and MERCON[®] LV[‡]
- General Motors Type A Suffix A, 22477466,9985010, 88900925, 22689186, 19352619
- Honda/Acura ATF Type 3.0, ATF Type 3.1, DW-1 and Z-1, 08200-9001, 08200-9008
- Hyundai/Kia Genuine ATF, SP-II, SP-III, SP-III, SP-IV-RR, SPH-IV and NWS-9638
- Isuzu Genuine ATF, ATF II, ATF III
- Jaguar Land Rover JLM 20238, JLM 21044, JLM 20292
- Mazda ATF FZ, ATF M-III, ATF M-V, Type T-IV, JWS 3309
- Mercedes MB 236.2, 236.7, 236.8, 236.10, 236.12, 236.14, 236.15
- Mitsubishi ATF-J2, ATF-J3, SP-II, SP-III, SP-IV
- Nissan/Infiniti Matic D, Matic K, Matic J and Matic S



Approvals, performance and recommendations continued

- Subaru ATF, ATF-HP, K0140Y0700
- Suzuki ATF 3317, ATF 3314, Matic J, Matic S
- Toyota/Lexus Type T, Type T-II, Type T-III, Type T-IV, Type WS, JWS 3309, JWS 3324, NWS 9638
- Volkswagen/Audi Part #G 055 540 A2, G052 533, G 055 025 A2, G 052 162 A1, G 052 162 A2, G 055 005 A2, G 055 162 A2, G 055 162 A6, G 052 990, G 060 162 A2, G 060 540 A2
- Volvo Part No. 1161521, 1161540/1161640, 31 256 774
- **ZF** TE-ML 11A, TE-ML 11B
- Hybrid vehicles where the OEM specifies a MERCON LV or a Toyota Type WS fluid.

‡ 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, MERCON V, MERCON LV and MERCON SP fluids, this product is not officially licensed or approved by Ford for such applications and its use may void Ford's warranty.

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.



Typical test data

HAVOLINE [®] FULL SYNTHETIC MULTI-VEHICLE ATF	RESULTS
Product Code	510126
Density, kg/L @ 15°C	0.849
Viscosity, Kinematic, cSt @ 40°C cSt @ 100°C	30.6 6.0
Viscosity, Brookfield cP @ -40°C	11,700
Viscosity Index	147
Flash Point, °C	217
Pour Point, °C	-54
Color	Red

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 the Product Information Center.

This Product Data Sheet (PDS) was produced for the Asia-Pacific region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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