



Havoline Full Synthetic Multi-Vehicle ATF

Premium performance synthetic multi-vehicle automatic transmission fluid

Product description

Havoline® Full Synthetic Multi-Vehicle ATF is a premium performance synthetic multi-vehicle automatic transmission fluid which is recommended for passenger car automatic transmission systems with six or more forward gears.

Havoline Full Synthetic Multi-Vehicle ATF is designed for use in a wide range of vehicles manufactured by European, Japanese and North American manufacturers and approved by General Motors for automatic transmissions and transaxles where a DEXRON®-VI fluid is specified. This latest generation technology exhibits improved durability and stability in friction tests compared to standard DEXRON-III fluids, which helps ensure consistent and smooth shift performance, even under extreme driving conditions.

Havoline Full Synthetic Multi-Vehicle ATF is formulated with high purity synthetic base stocks. It is designed to maintain its viscosity through robust oxidation stability and use of long-lasting viscosity modifiers.

Customer benefits

- Can be used in a wide range of modern automatic transmissions without supplemental additives or top treats, minimising inventories
- Maintains friction control helps offer smooth, consistent gear shifting and protection against shudder
- Wide temperature operation with minimal shear-down offers sufficient viscosity at high temperatures throughout its service lifetime
- Advanced formula helps protect gears, bearings, clutch plates, seals, bushings and other components, contributing to optimised equipment life

Product highlights

- **Can be used in a wide range of modern automatic transmissions**
- **Offers smooth, consistent gear shifting and shudder control**
- **Wide temperature operation**
- **Advanced formula helps protect gears and bearings**
- **Formulated for extended drain intervals**
- **Designed to help enhance fuel economy**

Selected specification standards include:

Aisin Warner	BMW
Chrysler	Ford
General Motors	Honda/Acura
Hyundai/Kia	Isuzu
JASO	Mazda
Mercedes-Benz	Mitsubishi
Nissan/Infiniti	Subaru
Toyota/Lexus	Voith
Volkswagen/Audi	Volvo
ZF	

- Improved oxidation resistance offers extended drain intervals and helps prevent lacquer, sludge and other harmful deposit formation
- Designed for enhanced fuel economy relative to conventional fluids due to lower viscous drag

Applications

- Havoline Full Synthetic Multi-Vehicle ATF has been formulated for and tested in a wide variety of automatic transmissions, in applications linked to both high- and low-viscosity specifications. 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-II or DEXRON-III fluids
- Havoline® Full Synthetic Multi-Vehicle ATF is approved for use in all Ford vehicles requiring MERCON®-LV fluid
- Havoline Full Synthetic Multi-Vehicle ATF meets the requirements of the JASO 1A-LV13 (M315) performance standard; the product can deliver the shifting performance, shear stability and anti-shudder durability which is desired by Japanese and Korean automakers
- Havoline® Full Synthetic Multi-Vehicle ATF is suitable for use in hybrid vehicles with electronic continuously variable transmissions (eCVTs) where the OEM specifies Toyota Type WS or any fluid listed in the table below

Not recommended for belt- or chain-driven continuously variable transmission (CVT) applications, or dual clutch transmissions (DCTs), unless indicated in the table below. Not recommended for Ford transmissions requiring a Ford Type F/G fluid.

Always check your vehicle's manual to confirm that the product is consistent with the original equipment manufacturers' recommendations, taking into account the operating conditions and maintenance practices.

Approvals, performance and suitable for use

Approvals

- General Motors DEXRON-VI (GMN10060) ^[1]
- Ford MERCON-LV ^[2]

Performance

- General Motors DEXRON
- General Motors DEXRON-II
- General Motors DEXRON-III
- JASO M315 TYPE 1A LV

Suitable for use

- Aisin Warner AW-1, AW-2
- Chrysler MS-7176E (Mopar ATF+3)
MS-9602 (Mopar ATF+4)
- Honda Z-1, Type 3.0
- Hyundai/Kia SP-II, SP-III, SP-IV, SP4-M1
NWS-9638, P/N 040000C90SG
- Isuzu Genuine ATF, ATF III
- Jaguar JLM 21044, JLM 20238, JLM 20292,
WSS-M2C922-A1, K17, Jatco 3100
PL085, Jaguar 02JDE 26444,
Fluid 8432
- Land Rover ATF 402, JWS 3309, LR023288,
P/N TYK500050
- Maserati Oil No. 231603
- Mazda JWS 3317, Type T-IV, JWS 3309 ATF,
FZ, ATF M-V (spec MES MN 117C)
Part #: 0000-23-ATF -M5
- Mercedes-Benz MB 236.1, MB 236.5, MB 236.6,
MB 236.7, MB 236.8, MB 236.10,
MB 236.12, MB 236.14, MB 236.15
- Mini ATF JWS 3309, P/N 83 22 0 402 413
- Nissan/Infiniti Matic J, P/N 999MP-MTJ00P,
Matic S, P/N 999MP-MTS00P,
Matic W
- Porsche JWS 3309, P/N 000 043 205 28
- Saab P/N 93 165 147, JWS 3309
- Subaru P/N K0140Y0700
- Suzuki ATF 3317
- Toyota JWS 3324, ATF WS (or NWS9638),
JWS 3309, Type T-IV,
P/N 08886-81015, Type T-II, Type T
- Volvo AW-1, P/N 1161540-8
- VW VW G 052 162 (-A1, -A2) [AG4],
VW G 055 005 A2,
VW G 055 025 (-A2)
VW G 055 162 A2 or A6
VW G 055 540 A2
VW G 060 162 A2
- ZF LifeguardFluid 6
(ZF No. S671 090 255),
LifeguardFluid 8
(ZF No. S671 090 312)

[1] GM license number J-6231800

[2] MERCON-LV license number MLV190802

Typical test data		
Test	Test Methods	Results
Shelf Life: 60 months from date of filling indicated on the product label		
Appearance	Visual	Red
Viscosity, Kinematic, 100°C, mm ² /s	ASTM D445	5.8
Viscosity, Kinematic, 40°C, mm ² /s	ASTM D445	29.1
Viscosity, Brookfield, -40°C, mPa.s	ASTM D2983	10,300
Viscosity Index	ASTM D2270	148
Density, 15°C, kg/l	ASTM D1298	0.848
Flash Point COC, °C	ASTM D92	217
Pour Point, °C	ASTM D97	-54

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

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.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see <https://www.texacolubricants.com>.

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