

## Lubricants – Transmission Oils – Automotive

Version: **258/07**

### VALVOLINE™ ATF

Valvoline™ ATF provides outstanding protection and lubrication of the automatic gearbox over a wide temperature range. It is recommended for use in new and rebuilt automatic transmissions as of passenger cars, vans, and other vehicles where the manufacturer recommends the specifications mentioned in this sheet, and will not void new car warranties. Can be used in some hand shifted transmissions. Sometimes recommended as power steering fluid. Suitable for long drain intervals.

Valvoline™ ATF maximizes the life of higher mileage automatic transmissions.

#### VALVOLINE™ ATF Advantages:

##### **Superior protection**

Optimum protection against wear and tear, also under high stress working conditions.

##### **Enhanced friction properties**

Premium base oils, viscosity index improvers, and friction modifiers result in special friction properties for smooth shifting. In addition, the product resists aging and has good thermal stability.

##### **Conditions seals**

Conditions transmission seals to prevent cracking which results in leaks.

##### **Consistent, stable viscosity**

Excellent viscosity-temperature properties even at very low temperatures. Highly stable viscosity over a long period.

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#### **Approvals and Licenses**

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Suitable for use in:

- Allison TES 389\*, C-4
- Audi/VW G-055-025-A2, G-052-162-A1/A2, G-052-990-A2, G-055-005-A2, G-055-162-A6, G-055-540-A2, G-060-162-A2, G-052-025-A2, G-052-162-A1
- BMW LT71141, LA2634, M-1375.4, ATF 3.0, 7045E, ETL 8072B
- Chrysler Diamond SP-III, NAG-1, 3403 M115
- Ford MERCON®\* (in California use Valvoline Dex/Merc)
- Ford MERCON® V\*, FNR5\*, XT-9-AMMF5\*, (in California use Valvoline MERCON V)
- Ford MERCON® SP\*
- MERCON® LV
- GM 9986195
- GM DEXRON® II, III and VI
- GM Autotrak II
- Honda/Acura ATF-Z1, DW1 (except in CVTs)
- Hyundai SP-II, SP-III, SP-IV, SPH-IV, SP4-M, SP-IV-RR
- JWS 3309 (Aisin Warner)
- JASO 1A
- KIA SP-II and SP-III Fluids, Red 1
- Mazda M-V, FZ
- Mercedes Benz MB236.1, MB236.6, MB236.7, MB236.9, MB236.10, MB236.12\*, MB 236.14\*, MB 236.15\*
- Mercedes Benz NAG-1
- MOPAR AS68RC ATF
- Miscellaneous OEMs – M1375.4, M1375.6, L12108, LT 71141, ETL-7045E, ETL-8072B, 3403 M115, N402, AW-1
- Mitsubishi Diamond SP-II, SP-III, ATF-J3, Dia Queen ATF-PA
- Nissan Matic-D, Matic-J, Matic-K, Matic-S, Matic W
- Saab 93 165 147
- Subaru ATF
- Subaru ATF-HP
- Toyota / Lexus Type T, T-III and T-IV
- Toyota WS
- Volvo 1161521, 1161540, STD 1273.41, 97340
- VW TL52162, LT71141
- ZF TE-ML-14B, 16L, 17C
- ZF Lifeguardfluid 8\*\*

**Valvoline does not recommend VALVOLINE™ ATF for use in most continuously variable transmissions (CVTs) and in dual clutch transmissions (DCTs) unless specifically noted, nor in automatic transmissions where Ford Type F fluids are recommended.**

Valvoline stands behind all of its products, including use of VALVOLINE™ ATF in transmissions where recommended by Valvoline WILL NOT void the vehicle's warranty. In the unlikely event that you or your customer experiences any transmission issues while using VALVOLINE™ ATF in a Valvoline recommended application, please contact Valvoline at 1-800-Team-VAL for assistance.

**\*\*OEM Part Numbers include: ZF - S671 090 312, Audi/VW - G 060162 A1/A2/A6ATF, BMW - 8322 2152426, Jaguar - 02JDE 26444, Landrover - LRO23288, Chrysler - 68157995AA**

## VALVOLINE™ ATF Typical Properties:

Test	Typical Property
Viscosity @ 100°C, cSt	5.91
Viscosity @ 40°C, cSt	28.82
Viscosity Index	156
Specific Gravity @ 15.6 °C	0.843
Pour Point, °C,	-48
Brookfield Viscosity @ -40°C, cP	10200
Flash Point, COC, °C	202
ASTM Colour	7
Appearance	Red

This information only applies to products manufactured in the following location(s): Europe

### Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvolineeurope.com](http://www.valvolineeurope.com)

### Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained.

Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

### Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

### Storage

We recommend storing all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces –258/06

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All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.



THOMAS R. SMITH  
Vice President, Lubricant Technology

December 20<sup>th</sup>, 2016  
(Supersedes All Prior Revisions)

To Whom It May Concern:

MaxLife ATF is a full synthetic automatic transmission fluid designed to meet the needs of the broadest range of transmission designs. MaxLife ATF recommendations are based on a combination of field-testing and laboratory testing.

Valvoline recommends MaxLife ATF in a broad range of transmissions. The list below is just a sample of applications where Valvoline supports the use of MaxLife ATF. Valvoline has conducted in-house testing, independent lab testing, and field-testing to support MaxLife ATF performance in these transmissions; however, it is important to note that the respective vehicle manufacturers have neither evaluated nor approved MaxLife ATF in these applications.

- Allison TES 389\*, C-4
- Audi/VW G-055-025-A2, G-052-162-A1/A2, G-052-990-A2, G-055-005-A2, G-055-162-A6, G-055-540-A2, G-060-162-A2, G-052-025-A2, G-052-162-A1
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- Ford MERCON® V\*, FNR5\*, XT-9-AMMF5\*, (in California use Valvoline MERCON V)
- Ford MERCON® SP\*
- MERCON® LV
- GM 9986195
- GM DEXRON® II, III and VI
- GM Autotrak II
- Honda/Acura ATF-Z1, DW1 (except in CVTs)
- Hyundai SP-II, SP-III, SP-IV, SPH-IV, SP4-M, SP-IV-RR
- JWS 3309 (Aisin Warner)
- JASO 1A
- KIA SP-II and SP-III Fluids, Red 1
- Mazda M-V, FZ
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- Mitsubishi Diamond SP-II, SP-III, ATF-J3, Dia Queen ATF-PA
- Nissan Matic-D, Matic-J, Matic-K, Matic-S, Matic W
- Saab 93 165 147
- Subaru ATF
- Subaru ATF-HP
- Toyota / Lexus Type T, T-III and T-IV
- Toyota WS
- Volvo 1161521, 1161540, STD 1273.41, 97340
- VW TL52162, LT71141
- ZF TE-ML-14B, 16L, 17C
- ZF Lifeguardfluid 8

Valvoline stands behind all of its products, including MaxLife ATF. Use of MaxLife ATF in transmissions where recommended by Valvoline WILL NOT void the vehicle's warranty. Vehicle manufacturers are restricted by federal law from including the requirement of the use of a specific brand or trade name of product or service as a condition of their warranty. The following is an extract from the Federal Trade Commission's web site on interpretation of the Magnuson-Moss Warranty Act:

**"Tie-In Sales" Provisions** Generally, tie-in sales provisions are not allowed. Such a provision would require a purchaser of the warranted product to buy an item or service from a particular company to use with the warranted product in order to be eligible to receive a remedy under the warranty. The following are examples of prohibited tie-in sales provisions.

In order to keep your new Plenum Brand Vacuum Cleaner warranty in effect, you must use genuine Plenum Brand Filter Bags. Failure to have scheduled maintenance performed, at your expense, by the Great American Maintenance Company, Inc., voids this warranty.



Valvoline has conducted extensive testing and has a long history of successful use of MaxLife ATF in a broad range of applications. In the unlikely event that you or your customer experiences any transmission damage while using MaxLife ATF in a Valvoline recommended application, please contact Valvoline at 1-800-Team-VAL for assistance.

While MaxLife ATF is designed to meet the special needs of higher mileage transmissions, new transmissions can also benefit from its enhanced oxidation protection, shear stability, seal compatibility, wear protection and anti-shudder protection. Many consumers have chosen to take advantage of this level of performance in newer transmissions.

Valvoline does not recommend MaxLife ATF for use in most continuously variable transmissions (CVTs) unless specifically noted nor in automatic transmissions where Ford Type F fluids are recommended.

Sincerely,

A handwritten signature in blue ink that reads 'Thom Smith'.

Thom Smith  
Vice President,  
Lubricant Technology  
Valvoline

\*Please note that legislation in California prohibits Valvoline from recommending MaxLife ATF in certain applications where the viscometrics of MaxLife ATF do not match those of the official OEM specification. Valvoline therefore does not recommend the use of MaxLife ATF in these applications in California.