

# Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



## Lubricants – Transmission Oils - Automotive

Version: 220/09

### MaxLife™ ATF

**Premium synthetic blend automatic transmission fluid for passenger cars, trucks, and buses. For new and high mileage automatic transmissions. Contains unique seal conditioners.**

Valvoline MaxLife 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 mentioned in this sheet, and will not void new car warranties

#### Recommended by Valvoline for use in:

GM Dexron IID, IIE, III, IIH, VI, 9986195	Toyota	T, T-111, T-IV, WS except Hybrids)	Audi	G-052-025-A2 G-052-162-A1	
Ford Mercon, Mercon V, SP, LV, FNR 5 Allison: C-4, TES 389, TES 295, (extended drain intervals only with appropriate used oil sampling).	Chrysler: Mitsubishi/ Hyundai	ATF+3 Diamond SP-II,III Diamond SP-IV, SPH-IV	ZF TE-ML performance level	14B, 16L, 17C	SUBARU ATF, ATF-HP
BMW LT 71141, LA 2634	Honda/Acura	ATF-Z1 (not CVT)	JWS 3309		
MAN 339 type D, F, Z1, Z2, V1, V2	MercedesBenz	236.1,2,3,5,6,7,8, 9,10,11. ( not for 12, 14, 20) NAG 1	Voith	H55.6335.33 H55.6336.33	G 607 G 1363
Mazda M-V	Nissan/Infiniti	S,D,J,K,-matic	KIA	SP-II & SP-III, SP-IV	Red 1
Mini Cooper Mopar AS68RC Aisin Warner AW-1	Volvo	1161521, 1161540, STD1273.41	VW	TL 52162	ATF 3403 M 115

#### Not recommended for use in:

CVT's Low viscosity ATF's Ford M2C-33 F/G	Mercedes-Benz NAG-2 MB 236.12, 14, 20	ZF Lifeguard 6 and 6 Plus	AUDI G055- 162-A6	AUDI G055-005- A2	BMW with green sticker
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## Features and Benefits

### Superior protection

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

### Advanced additives

Modern additives protect against corrosion, oxidation, foaming, and deposits.

### Breakdown resistance

Premium base oils, balanced additive system avoid breakdowns and stick-slip even after long-time use.

### 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.

## Applications

Suitable for automatic gearboxes of passenger cars, vans, trucks, and buses when the manufacturer recommends specifications above.

Can be used in some hand shifted transmissions.

Sometimes recommended as hydraulic oil in earth moving machines or hydraulic lifting equipment.

Sometimes recommended as power steering fluid.

Suitable for extra long drain intervals.

### Consistent, stable viscosity

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

**Maximizes the life of higher mileage transmissions**

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## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

## Protect the Environment

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

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

MaxLife ATF	
Colour	red
Viscosity, mm <sup>2</sup> /s @ 100 °C. ASTM D-445	6.3
Viscosity, mm <sup>2</sup> /s @ 40 °C. ASTM D-445	30.3
Viscosity Index ASTM D-2270	165
Viscosity, mPa.s @ -40 °C ASTM D-5293	12.000
Pour Point, °C ASTM D-5950	-51
Specific Gravity @ 15.6°C. ASTM D-4052	0.851
Flash Point, COC, °C. ASTM D-92	202

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

## People Who Know, Use Valvoline™

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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.valvolineurope.com](http://www.valvolineurope.com)

## Author:

AdG  
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