

# PRODUCT INFORMATION



## VALVOLINE™ MAXLIFE™ MULTI-VEHICLE TRANSMISSION FLUID

Valvoline MaxLife Multi-Vehicle Transmission Fluid is a full synthetic formulation with advanced additives to prevent the major causes of transmission breakdown and help extend transmission life. Developed to help prevent leaks, maximize transmission performance, reduce transmission wear, and maintain smooth shifting longer than conventional fluids, **MaxLife Multi-Vehicle Transmission Fluid** is suitable for use in a broad range of ATF applications including most Ford, GM, Toyota & Honda models as well as Dex/Merc, Mercon LV and many more applications. Additionally, **MaxLife Multi-Vehicle Transmission Fluid** is recommended for use in most belt and chain-driven continuously variable transmissions\* and will not void new car warranties.

Valvoline has conducted extensive bench testing and chassis dynamometer trials to support **MaxLife Multi-Vehicle Transmission Fluid** performance in the broadest range of transmissions; however, it should be noted that **MaxLife Multi-Vehicle Transmission Fluid** is not an OEM licensed product. The respective vehicle manufacturers have neither evaluated nor endorsed **MaxLife Multi-Vehicle Transmission Fluid** in these applications. If an OEM licensed product is preferred, we recommend Valvoline DEXRON® VI, Valvoline ATF+4® and Valvoline MERCON®V for the corresponding applications.

\*CVT recommendations for packaged goods (quarts, gallons, totes, ABB, Drums) are applicable if dated May 2021 or later. Bulk product may have been mixed with the previous formulation. Bulk fluid shipped after May 2021 has the new formulation, but the concentration of new formulation in a mixture with the previous formulation must be 95% or greater to meet the new CVT specifications. Do not use in CVT applications until 95% or greater formulation ratio is achieved.

### The Valvoline MaxLife Multi-Vehicle Transmission Fluid Advantages:

- Formulated for superior performance in both conventional Automatic transmissions and Continuously Variable transmissions.
- Synthetic fluid
- Conditions transmission seals to help prevent leaks
- Formulated to help reduce varnish and wear
- Improves and maintains smooth shifting for conventional Automatic transmissions
- Excellent anti-shudder performance
- Formulated to maintain high friction control and have outstanding anti-wear performance needed in Continuous Variable transmissions.
- Provides excellent flow properties at low temperatures and greater film protection at high temperatures
- Helps maximize the life of higher mileage transmissions

Typical Properties:	MaxLife
KV100 (cSt)	5.9
KV40 (cSt)	28
Viscosity Index	163
Specific Gravity @ 60°F	0.844
Pour Point (°C)	<-42
Brookfield Viscosity @ -40°C, cP	9,000
ASTM Color	7
Appearance	Red

**Recommended for the following conventional Automatic Transmission applications (continued on multiple pages):**

Acura	ATF-Z1	Daewoo	LT 71141	
Aisin Warner	AW-1	Daihatsu	AMMIX ATF D-II	
	AW-2		AMMIX ATF D-III SP	
	JWS 3309	Esso	LT 71141	
	JWS 3324	Fiat	T-IV type, JWS 3309	
Allison	C-3	Ford	ESP-M2C166H, XL-12	
	C-4		FNR5	
	TES-295		M2C138CJ	
	TES-389		M2C166H	
Apollo/IKC	ATF RED 1		MERCON® LV (FF-WSS-M2C-938A/SF, XT-10 QLV)	
	RED 1K		MERCON® SP	
Audi	LT71141		MERCON® V	
Audi/VW	G 052 025-A2		MERCON®	
	G 052 162-A1/A2		WSS M2C 138CJ, 166H	
	G 052 990-A2		WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309	
	G 053 025-A2		XT-2-QDX (M)	
	G 055 005-A/A1/A2		XT-2-QSM (Syn)	
	G 055 025 A2	XT-5-QM (V)		
	G 055 162-A2	XT-6-QSP or -DSP (SP)		
	G 055 540-A2	XT-9-QMMF5		
	G 052 055			
Bentley	PY112995PA	Fuso	ATF-A4	
BMW	7045E (83 22 0 026 922)		ATF-II	
	81 22 9 400 272/275		ATF-SPIII	
	81 22 9 407 858/859	GM	1940700	
	83 22 024 359		1940767	
	83 22 0 403 248		9986195	
	83 22 0 403 249		12378515	
	83 22 9 407 765		21005966	
	83 22 0 142 516		22717466	
	83 22 0 397 114		88900925	
	83 22 0 402 413		93160393	
	83 22 2 152 426		GM 9985010 / 9985835	
	83 22 2 289 720		GM Autotrak II	
	83 22 7 542 290		GM DEXRON®- VI	
	83 22 9 407 807		GM DEXRON®-II	
	ATF 3.0		GM DEXRON®-IID	
	ETL-8072B (83 22 9 407 807)		GM DEXRON®-IIE	
	JWS 3309		GM DEXRON®-IIIG	
	LA2634		GM DEXRON®-IIIH	
	LT71141		GM TASA	
	M-1375.4		GM/GMC/Opel/Saturn	88863400
MINI (83 22 0 402 413)			88863401	
ZF Lifeguardfluid 6	Honda	AW-1		
ZF Lifeguardfluid 8		ATF-Z1 (except in CVTs)		
Bosch	TE-ML 09		DW-1	
Caterpillar	CAT TO-2		Type 3.0 and 3.1	
Chrysler	3403-M115	Hyundai/Kia	040000C90SG	
	MOPAR AS 68 RC (T-IV), JWS 3309, PN68218925AA		Dex-II/ SP-II	
	NAG 2		NWS 9638	
	Diamond SP-III		SP-III	
Chrysler/Dodge/Jeep	05127382AA		SP-IV	
	68043742AA		SP-IV M	
	68157995AA		SP-IV-RR	
	NAG 1		SPH-IV	
				JWS 3314

Idemitsu	K17 3100 PL085	MB (Mercedes Benz)	NAG 1	
Isuzu	08200-9001		ZF 4HP20	
	SCS Fluid	Mini Cooper	T-IV	
Isuzu Besco	ATF-II	Mitsubishi	Diaqueen ATF-MA1	
	ATF-III		Diaqueen ATF PA	
	ATF-SP		Diaqueen AW	
Jaguar	ATF LT71141		Diaqueen J2	
	ZF 5HP24		Diaqueen J3	
	ATF 3403, JLM20238		Diaqueen SK	
	ATF 3403-M115		Diaqueen SP-II	
	Jaguar Fluid 8432		Diaqueen SP-III	
	JLM 20292		Diaqueen SP-IV	
	JLM 21044			
JASO	M315-2013 1A	Nissan	Matic Fluid C	
	M315-2013 1A-LV		Matic Fluid D	
	M315-2013 2A		Matic Fluid J	
	Matic Fluid K			
	Matic Fluid S			
Kia	ATF Red 1	Opel/GM	Matic Fluid W	
	ATF SP-II		9986195	
	ATF SP-III		88900925	
	ATF SP-IV		19 40 700	
	ATF SP-IV M		19 40 767	
Land Rover	SP-IV-RR		21005966 Transaxle	
	LR0022460		22 17466	
	LR023288			
	TYK500050		Peugeot/Citroen	Z 000169756
Lexus	JWS 3309		Peugeot	ZF 4HP20
MAN	339 Type D	Porsche	000 043 205 09	
	339 Type F		000 043 205 28	
	339 V2		999 917 547 00 (A2)	
	339 Z1		ATF 3403-M115,	
	339 Z2		T-IV (JWS 3309)	
	339 Z3		Z 000169756	
	MAN 339 V1		ZF 5HP19FL, ZF 5HP20, LT71141	
Maserati	231603		DPO/AL4	
Mazda	ATF 3317	Renault	Matic D2	
	ATF F-1		Samsung SATF-D	
	ATF FZ		93 160 393	
	ATF M-III	Saab	93 165 147	
	ATF M-V		T-IV (JWS 3309)	
	ATF N-1		Scion	All vehicles
	ATF S-1			134
D-II	3353			
MB (Mercedes Benz)	236.1	Shell	3403, M115, LA 2634	
	236.10		L12108	
	236.11		M-1375.4, M1375.6	
	236.12	Ssang yong	DSIH 5M-66	
	236.14		ATF	
	236.15	Subaru	ATF 5AT	
	236.16		ATF HP	
	236.17		Dexron®-II	
	236.2		K0140Y0700	
	236.3	Suzuki	AT OIL 5D06	
	236.41		ATF 2326	
	236.5		ATF 2384K	
	236.6		ATF 3314	
	236.7		ATF 3317	
	236.8		ATF AW-1	
236.9	JWS 3309			
236.91				

Automatic transmission (ATF) applications continued:		Continuously Variable transmission (CVT) applications:		
Texaco	7045-E	Audi	Multitronic	
	8072B	BMW Mini Cooper	EZL 799/ 83 22 0 136 376/ 83 22 0 429 154	
	N402	Chery	CVT	
Toyota	ATF D-II	Chrysler/Dodge/Jeep	CVT+4	
	ATF D-III		NS-2	
	ATF T-III	Daihatsu	AMMIX CVTF DFE	
	ATF T-IV		AMMIX CVT Fluid DC	
	ATF Type T		AMMIX CVT Fluid DFC	
	ATF WS		Fluid TC	
Vickers	M2950-S, I-286-S	Fiat	Tutela Car CVT N.G	
Voith	55.6335.xx (G607)	Ford	CFT or CVT 23 or WSSM2C928A	
	55.6336.xx (G13636)		CVT 30 or WSS-M2C933A	
	Service Bulletin #013 and #118		MERCON® C	
97325	WSD-M2C-199A			
Volvo	97335	Fujijyuuko	i-CVTF FG	
	97342	GM/Saturn	DEX-CVT	
	CE 97340		GM1940713	
	CE 97341 (STD 1273.41)		GM1940714	
	PN 1161521	Honda	Multimatic HMMF (without starting clutch)	
	PN 1161540/1161640		HCF2	
VW (Volkswagen)	5 HP (ZF 5 HP 30)	Hyundai/Kia	Z-1 (CVT model, without starting clutch)	
	5HP (18FL, 30)		Honda CVT	
	5HP (19FL, 24A)		CVT-J1	
	G US 000 162	Hyundai/Kia	SP III (CVT model)	
	G 052 025-A2		Idemitsu	CVTF-EX1
	G 052 055	Lexus	Fluid TC	
	G 052 162-A1/A2 (ZF Lifeguardfluid 5)		Fluid FE	
	G 052 990	Mazda	JWS 3320	
	G 053 025-A2	Mercedes Benz	236.20/ CVT28	
	G 055 005-A/A1/A2 (ZF Lifeguardfluid 6)	MG Rover	EM-CVT	
	G 055 025 A2 (JWS 3309)	Mini Cooper	EZL/EZL 799A.ZF CVT V1	
	G 055 162-A2, -A6 (ZF Lifeguardfluid 6+)	Mitsubishi	CVTF-J1 (MMC Diaqueen CVT Fluid J1)	
	G 055 540-A2		CVTF-J4 and -J4+ (MMC Diaqueen CVT Fluid J4 and J4+)	
	G 060 162 (ZF Lifeguardfluid 8)		Diaqueen SP-III (CVT model only)	
	G-053 162 A1 (ZF Lifeguardfluid 5)		Part # MZ320262	
	LT71141		Nissan	N-CVT
	TL 521 62		NS-1, -2, -2V, -3	
	Saturn	T-IV (JWS 3309)	Punch	CVT
	ZF	3, 4, & 6 speed transmissions	Renault	Elf Matic CVT
		ZF 5HP24	Shell	Green 1V
TE-ML 02F		Subaru	ECVT	
TE-ML 03D			iCVT	
TE-ML 04D			iCVT FG	
TE-ML 05L			Lineartronic chain CVT and CVT II Fluid	
TE-ML 09			Lineartronic High Torque (HT) CVT Fluid, CV-30, K0425Y0710	
TE-ML 09X			NS-2	
TE-ML 11A, 11B		Suzuki	CVTF TC	
TE-ML 14A			CVTF 3320	
TE-ML 14B			CVT Green 1 & 2, & 1V	
TE-ML 14C			NS-2	
TE-ML 16L		Toyota	CVTF FE & CVTF TC	
TE-ML 17C		Volvo	CVT 4959	
TE-ML 21L		VW/Audi	TL 521 16 (G 052 516)	
ZF 8 & 9 speed transmissions (Lifeguardfluid 8 and Lifeguardfluid 9)			TL 521 80 (G 052 180)	
			Zoyte	CVT's

Valvoline does not recommend MaxLife Multi-Vehicle transmission fluid for use in most dual-clutch transmissions (DCTs) unless specifically noted nor in automatic transmissions where Ford Type F fluids are recommended.

Valvoline stands behind all its products, including MaxLife Multi-Vehicle transmission fluid. Use of MaxLife Multi-Vehicle transmission fluid 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 to be eligible to receive a remedy under the warranty. The following are examples of prohibited tie-in sales provisions.**

**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 recommends MaxLife Multi-Vehicle transmission fluid in a broad range of applications. In the unlikely event that you or your customer experiences any transmission damage while using MaxLife Multi-Vehicle transmission fluid in a Valvoline recommended application, please contact Valvoline at 1-800-Team-VAL for assistance.

While MaxLife Multi-Vehicle transmission fluid 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.

Effective Date:  
2/24/23

Author:  
LK