

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)	GM	ATF-II
	81 22 9 400 272/275		ATF-SPIII
	81 22 9 407 858/859		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	Hyundai/Kia	DW-1
Caterpillar	CAT TO-2		Type 3.0 and 3.1
Chrysler	3403-M115		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	Nissan	Matic Fluid C
JASO	M315-2013 1A		Matic Fluid D
	M315-2013 1A-LV		Matic Fluid J
	M315-2013 2A		Matic Fluid K
Kia	ATF Red 1	Opel/GM	Matic Fluid S
	ATF SP-II		Matic Fluid W
	ATF SP-III		9986195
	ATF SP-IV		88900925
	ATF SP-IV M		19 40 700
Land Rover	SP-IV-RR		19 40 767
	LR0022460		21005966 Transaxle
	LR023288		22 17466
	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	Renault	DPO/AL4
Mazda	ATF 3317		Matic D2
	ATF F-1		Samsung SATF-D
	ATF FZ	Saab	93 160 393
	ATF M-III		93 165 147
	ATF M-V	Scion	T-IV (JWS 3309)
	ATF N-1		All vehicles
	ATF S-1	Shell	134
MB (Mercedes Benz)	D-II		3353
	236.1		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	Suzuki	K0140Y0700
	236.3		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
Volvo	97325		WSD-M2C-199A
	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)		Z-1 (CVT model, without starting clutch)
	5HP (18FL, 30)	Hyundai/Kia	Honda CVT
	5HP (19FL, 24A)		CVT-J1
	G US 000 162	Idemitsu	SP III (CVT model)
	G 052 025-A2		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:
10/25/22

Author:
LK