

# PRODUCT INFORMATION



Lubricants – Transmission Oils – Automotive

Version: 280/01f

## Valvoline™ Light & Heavy Duty ATF CVT fluid

***Premium Light & Heavy-Duty Automatic Transmission Fluid (ATF) & Continuous Variable Transmission (CVT) fluid specially developed for multi vehicles. Suitable for many passenger car, van and heavy-duty applications.***

Valvoline Light & Heavy Duty ATF CVT fluid provides maximum protection and lubrication of the automatic transmission and the Continuously Variable Transmission gearbox over a wide temperature range. This product has been formulated from carefully selected additives and base oils to ensure the required protection in harsh climate conditions (please see the specification list below for more applications)

### Recommended by Valvoline for use in\*:

Aisin Warner	Fiat	Land Rover	Subaru
Allison	Honda / Acura	Mazda	Toyota / Lexus
BMW	Hyundai	Mercedes-Benz	Volvo
Chrysler	Jaguar	Mini Cooper	VW
Ford	Jeep	Mitsubishi	VW / Audi
GM	KIA	Nissan / Infiniti	

\*full list of specifications can be found on page 3 till page 11

### Features & Benefits

#### Maximum protection

Protects gears and maintains the efficiency of hybrid automatic transmissions

#### Smooth shifting

Maintains automatic transmission response and smooth shift feel

#### Consistent, stable viscosity

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

#### Applications

Suitable for automatic gearboxes of passenger cars, vans, and other vehicles where the manufacturer recommends the specifications as referred to in this sheet.

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## 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 <https://www.valvolineglobal.com/en-eur/> or <http://pisheets.valvolineglobal.com>

## Typical properties

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

Valvoline Light & Heavy Duty ATF CVT	
<b>Colour</b>	Red
<b>Viscosity, mm<sup>2</sup>/s @ 100°C</b> ASTM D-445	5.8
<b>Viscosity, mm<sup>2</sup>/s @ 40°C</b> ASTM D-445	27.6
<b>Viscosity Index</b> ASTM D-2270	160
<b>Viscosity, mPa.s -40°C</b> ASTM D-2983	9 773
<b>Pour Point, °C</b> ASTM D-5950	-54
<b>Specific Gravity @ 15.6°C</b> ASTM D-4052	0.843
<b>Flash Point, COC, °C</b> ASTM D-92	212

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

## 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://sds.valvolineglobal.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 – 280/01e

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# PRODUCT INFORMATION



OEM or Marketer	Step-Type Application
Acura	ATF-Z1
Aisin Warner	AW-1/ AW-2
	JWS 3309
	JWS 3324
Allison	C-3
	C-4
	TES-295
	TES-389
American Motors	ATF +3
	ATF +4
Applo/IKC	ATF RED 1
	RED 1K
Audi	LT71141
Audi/VW	G 052 025-A2
	G 052 162-A1/A2
	G 052 990/ G 052 055
	G053 025-A2
	G 055 005-A/A1/A2
	G 055 025A2
	G 055 162-A2, -A6
	G 055 540-A2
	G 060 162
Bentley	PY112995PA
BMW	7045E (83 22 0 026 922)
	81 22 9 400 272/275
	81 22 9 407 858/859
	83 22 024 359
	83 22 0403 248
	83 22 0403 249
	83 22 9 407 765
	83.220.142.516
	83.220.397.114
	83.220.402.413
	83.222.152.426
	83.222.289.720
	83.227.542.290
	83.229.407.807
	ATF 3.0
	ETL-8072B (83 22 9 407 807)
	JWS 3309
	LA2634

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	LT71141
	M-1375 4
	MINI (83 22 0 402 413)
	ZF Lifeguardfluid 6
	ZF Lifeguardfluid 8
Bosch	TE-ML 09
Caterpillar	CAT TO-2
Chrysler	ATF+2/+3/ +4
	3403-M115
	Diamond SP-III
	MOPAR AS 68 RC (T-IV), JWS 3309
	NAG 2
Chrysler/Dodge/Jeep	05127382AA
	68043742AA
	68157995AA
	NAG 1
Daewoo	LT 71141
Daihatsu	AMMIX ATF D-I I
	AMMIX ATFD-III SP
Fiat	T-IV type, JWS 3309
Ford	ESP-M2C166H, XL-12
	FNR5
	M2C138CJ
	M2C166H
	MERCON® LV (FF-WSS-M2C-938A/SF, XR-10 QLV)
	MERCON® SR
	MERCON® V
	MERCON®
	Type F
	Type G
	WSSM2C138CJ, 166H
	WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309
	XT-2-QDX(M)
	XT-2-QSM(Syn)
	XT-5-QM(V)
XT-6-QSP or-DSP (SP)	
XT-9-QMMF5	
Fuso	ATF-A4
	ATF-II
	ATF-SPIII
GM	1940700
	1940767

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	12378515
	21005966
	22717466
	88900925
	93160393
	GM Autotrak II
	GM DEXRON - VI
	GM DEXRON - II
	GM DEXRON - IID
	GM DEXRON - IIE
	GM DEXRON - IIIG
	GM DEXRON - IIIH
	GM TASA
GM/GMC/Opel/ Saturn	88863400
	88863401
	AW-1
Hino	Blue Ribbon ATF
Honda	ATF-Z1 (except in CVTs)
	DW-1
	Type 3.0 and 3.1
Hyundai/Kia	040000C90SG
	Dex-II/ sp-II
	NWS 9638
	SP-III
	SP-IV
	SP-IV H
	SP-IV M
	SP-IV-RR
WS3314	
Idemitsu	K17 3100 PL085
Isuzu	08200-9001
	SCS Fluid
Isuzu Besco	ATF-II
	ATF-III
	ATF-SP
Jaguar	ATF LT71141, ZF 5HP24
	ATF 3403, JLM20238
	ATF3403-M115
	Jaguar Fluid 8432
	JLM 20292
JLM 21044	
JASO	M315-2013 1A

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	M315-2013 1A-LV
	M315-2013 2A
Jeep	ATF+3, +4
Kia	ATF Red 1
	ATF SP-II
	ATF SP-III
	ATF SP-IV
	ATF SP-IV M
	ATF SP-IV RR
Land Rover	LR0022460
	LR023288
	TYK500050
Lexus	JWS 3309
MAN	339 Type D
	339 Type F
	339 V2
	339 Z1
	339 Z2
	339 Z3
	MAN 339 V1
Maserati	231603
Mazda	ATF 3317
	ATF F-1
	ATF FZ
	ATF M-III
	ATF M-V
	ATF N-1
	ATF S-1
	D-II
MB (Mercedes Benz)	236.1
	236.11
	236.12
	236 14
	236 15
	236 17
	236.2
	236 3
	236.41
	236 6
	236.7
	236 8
	236.9

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	236 91
	ZF 4HP20
Mini Cooper	T-IV
Miscellaneous	M1375.6
Mitsubishi	Diaqueen ATF PA
Mitsubishi	Diaqueen AW
	Diaqueen J2
	Diaqueen J3
	Diaqueen SK
	Diaqueen SP-II
	Diaqueen SP-III Diaqueen SP-IV
Nissan	Matic Fluid C
	Matic Fluid D
	Matic Fluid J
	Matic Fluid K
	Matic Fluid S
	Matic Fluid W
Opel/GM	9986195
	88900925
	19 40 700
	19 40 767
	21005966 Transaxle
	2.217.466
Peugeot/Citroën	Z000169756
Peugeot	ZF 4HP20
Porsche	000 043 205 09
	000 043 205 28
	000 043 304 00
	999 917 547 00 (A2)
	ATF 3403-M115,
	T-IV (JWS 3309)
	Z000169756
	ZF 5HP19FL, ZF 5HP20, LT71141
Renault	DPO/AL4
	Matic D2
	Samsung SATF-D
Saab	93.160.393
	93.165.147
	T-IV (JWS 3309)
Satum	T-IV (JWS 3309)
Scion	All vehicles
Subaru	DSIH 5M-66

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	ATF
	ATF 5AT
	ATF HP
	Dexron-II
	K0140Y0700
Suzuki	AT OIL 5D06
	ATF 2326
	ATF 2384K
	ATF 3314
	ATF 3317
	ATF AW-1
	JWS 3309
Toyota	ATF D-II
	ATF D-III
	ATF T-III
	ATF T-IV
	ATF Type T
	ATF WS
Vickers	M2950-S, I-286-S
Voith	55.6335. XX (G607)
	55.6336. XX (G13636)
	Service Bulletin #013 and #118
Volvo	97325
	97335
	CE 97340
	CE 97341
	CE 97342
	PN 1161521
	PN 1161540/1161640
	STD 1273 41
VW (Volkswagen)	5 HP (ZF 5 HP 30) 5HP(18FL, 30) 5HP (19FL, 24A)
	G US 000 162
	G 052 025-A2
	G 052 055
	G 052 162-A1/A2 (ZF Lifeguardfluid 5)
	G 052 990
	G 053 025-A2
	G 055 005-A/A1/A2 (ZF Lifeguardfluid 6)
	G 055 025 A2 (JWS 3309)
	G 055 162-A2, -A6 (ZF Lifeguardfluid 6+)
	G 055 540-A2
	G 060 162 (ZF Lifeguardfluid 8)



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	G-053 162 A1 (ZF Lifeguardfluid 5)
	LT71141
	TL 521 62
ZF	3, 4, & 6 speed transmissions
	TE-ML 02F
	TE-ML 03D
	TE-ML 04D
	TE-ML 05L
	TE-ML 09
	TE-ML 11 A, 11B
	TE-ML 14A
	TE-ML 14B
	TE-ML 14C
	TE-ML 16N
	TE-ML 17C
	TE-ML 21L
	ZF 8 speed transmissions
ZF 9 speed transmissions	

OEM	CVT Application
Audi	Multitronic
BMW Mini Cooper	EZL 799/ 83 22 0 136 376/ 83 22 0 429 154
Chery	CVT
Chrysler/Dodge/Jeep	CVT+4
	NS-2
Daihatsu	AMMIX CVTF DFE
	AMMIX CVT Fluid DC
	AMMIX CVT Fluid DFC
	Fluid TC
Ford	CFT
	CVT 30 or WSS-M2C933A
	MERCON® C
	WSS-M2C-199A
Fujjyuuko	i-CVTF FG
GM/Saturn	DEX-CVT
GM	GM VT40
	GM Dexron HP CVT, GM 19355873, GM19355874
	GM 1940713
	GM 1940714
	GM 192609800
	GM 19299096
	CVTF I-Green 2

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Honda	Multimatic HMMF (without starting clutch)
	HCF2
	Z-1 (CVT model, without starting clutch)
	Honda CVT
Hyundai/Kia	CVT-J1
	SP III (CVT model)
Idemitsu	CVTS-EX1
Lexus	Fluid TC, Fluid FE
Mazda	JWS3320
MB (Mercedes Benz)	236 20/ CVT28
MG Rover	EM-CVT
Mini Cooper	EZL/EZL 799A.ZF CVT V1
Mitsubishi	CVTF-J1 (MMC Diaqueen CVT Fluid J1>
	CVTF-J4 and -J4+ (MMC Diaqueen CVT Fluid J4 and J4+)
	Diaqueen SP-III (CVT model only)
	CVTF Eco J4
Nissan	KTF-1
	NS-1, -2, -3
	N-CVT
Punch	CVT
Renault	ElfMaticCVT
Rover	Unipart Superflow CVT (without starting clutch)
Subaru	ECVT
	iCVT
	iCVT FG
	Lineartronic High Torque (HT) CVT Fluid, CV-30, K0425Y0710
	NS-2
Suzuki	CVTF TC
	CVTF 3320
	CVT Green 1 & 2
	CVT Green 1V
	NS-2
Toyota	CVTF 4401
	CVTF FE
	CVTF TC
Volvo	Prius (power split CVT, Toyota WS hybrid planetary gear set with a belt driven CVT)
	jCVT 4959
VW/Audi	G 055 190
	TL 521 16 (G 052 516)

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	TL 521 80 (G 052 180)
	TL 521 90 (G 052 190)