

# TRIAX GLOBAL ATF

## FULL SYNTHETIC OEM GRADE ATF • US • European • Asian • Cars • Trucks & SUVs

TRIAX Global Synthetic ATF one of the most advanced transmission fluids available on the market. Its a very robust formulation designed for maximum performance in 98% of all automatic transmissions of North American, European, and Asia-Pacific-made vehicles. The product is designed to provide exceptional oxidation, wear, frictional stability, sludge and deposit prevention, and anti-shudder properties required in today's high performance transmissions. It is also designed to deliver excellent performance in older transmissions, far superior to older spec fluids. Contains elastomers to restore and maintain transmission seal integrity for all seals, including synthetic material seals.

This fluid meets the requirements a very wide range of automotive applications. Its polymeric additive base permits excellent performance in vehicles requiring very fluid, low vis ATF's, but has the shear stability of a high vis ATF. This product is designed for LIFETIME SERVICE in sealed automatic transmissions and does not require changing for passenger cars, SUV's and pickup trucks in non severe service applications.

## APPLICATIONS

TRIAX GLOBAL SYNTHETIC ATF is designed to be used in most non CVT, non DCT (dual clutch) automatic transmissions for modern passenger car vehicles, SUVs, pickup trucks and heavy duty applications and meets the HV and LV fluid viscosity requirements for these applications. This product is recommended for most 5, 6, 8 speed automatic transmissions from BMW, Audi, VW, Mercedes Benz, Jaguar, Kia, Nissan, Toyota, Jeep / Chsyler as well as applications requiring TES 295 and TES 389, Dexron III, Mercon V, Mercon LV, Dexron VI, Jeep / Chrysler ATF +4 and many others. **See second page for detaild specifications.**

This fluid is suitable for use for Mercedes Benz 722.0xx, 722.1xx, 722.2xx, 722.3xx, 722.4xx and 722.5xx transmissions with non-synthetic fluids and for 722.6xx transmissions with synthetic fluid applications.

**PASSENGER CARS, SUVs, PICKUP TRUCKS** (Including many Ford F-series, Chevy, Toyota, Dodge)

**HEAVY DUTY APPLICATIONS** - high shear stability and excellent anti-wear properties & film strength make the TRIAX Global ATF an ideal choice for pickup trucks in heavy duty service, such towing, hauling, off-road.

**NOT FOR USE IN: CVT, Dual Clutch or transmissions requiring a Ultra Low Viscosity (ULV) ATF.**

## PERFORMANCE HIGHLIGHTS

- Extreme shear resistance, wont shear under high torque and power output, high loads.
- Exceptional torque transfer (dynamic friction) and clutch-holding (static friction) performance
- Fits 99% of all vehicles on the market (without CVT / DCT transmissions)
- 10-15 degrees lower transmission operational temperature in most cases
- Helps to control transmission shudder and provide excellent vehicle drive-ability
- Provides a wide range of seal compatibility - with both synthetic and natural seal materials
- Excellent lubricating characteristics for quiet operation and smooth shifting
- Superb protection against rust and corrosion • No foaming in all operating conditions
- Excellent viscosity stability to help assure adequate lubrication all year round
- Facilitates smooth shifting throughout its life
- Unmatched oxidation stability, prevents sludge formation
- Excellent long term performance: maintains shift quality, prevents shudder and vibration.



## CHEMICAL PROPERTIES

Property	Value
Density at 15°C(kg/m3)	849
Viscosity at 40°C mm <sup>2</sup> /s	30.20
Viscosity at 100°C mm <sup>2</sup> /s	7.0
Viscosity Index	206
Pourpoint °C	-50
Flashpoint °C	210
Brookfield Viscosity (-40C)	8,600
Color	RED

• All trademarked names are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use, which is strictly to guide consumers as to the application of TRIAX products and convey compatibility or lack thereof.

\* The drain interval mentioned herein represents the capability of the lubricant and is valid for a mechanically sound equipment with regular oil analysis and without the use of after-market additives.

Small deviations from these results are expected during the manufacturing process and do not affect product performance or specification compliance.

**TRIAX GLOBAL ATF  
COMPLETE SPECIFICATION LIST - Page 1 of 3**

OEM	Specification	OEM	Specification
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 - most Ford trucks built before 2018	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 / VW	LT71141		MERCON® V**
	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- Most BMW vehicles built before 2017	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	88863400	
MINI (83 22 0 402 413)	88863401		
ZF Lifeguardfluid 6			
ZF Lifeguardfluid 8			
Bosch	TE-ML 09	Honda	ATF-Z1 (except in CVTs)
Caterpillar	CAT TO-2		DW-1
Chrysler / Jeep / Dodge	3403-M115	Hyundai/Kia	Type 3.0 and 3.1
	MOPAR AS 68 RC (T-IV), JWS 3309, PN68218925AA		040000C90SG
	ATF +4		Dex-II/ SP-II
	Diamond SP-III		NWS 9638
	05127382AA		SP-III
	68043742AA		SP-IV
	68157995AA		SP-IV M
	NAG 1 & NAG 2		SP-IV-RR
	SPH-IV		
	JWS 3314		

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OEM	Specification	OEM	Specification	
<b>Idemitsu</b>	K17 3100 PL085	<b>Mini Cooper</b>	T-IV	
<b>Isuzu</b>	08200-9001	<b>Mitsubishi</b>	Diaqueen ATF-MA1	
	SCS Fluid		Diaqueen ATF PA	
	ATF-II		Diaqueen AW	
	ATF-III		Diaqueen J2	
	ATF-SP		Diaqueen J3	
<b>Jaguar</b>	ATF LT71141		Diaqueen SK	
	ZF 5HP24		Diaqueen SP-II	
	ATF 3403, JLM20238		Diaqueen SP-III	
	ATF 3403-M115		Diaqueen SP-IV	
	Jaguar Fluid 8432		Matic Fluid C	
	JLM 20292	Matic Fluid D		
<b>JASO</b>	JLM 21044	<b>Nissan</b>	Matic Fluid J	
	M315-2013 1A**		Matic Fluid K	
	M315-2013 1A-LV		Matic Fluid S	
M315-2013 2A**	Matic Fluid W			
<b>Kia</b>	ATF Red 1		<b>Opel/GM</b>	9986195
	ATF SP-II	88900925		
	ATF SP-III	19 40 700		
	ATF SP-IV	19 40 767		
	ATF SP-IV M	21005966 Transaxle		
	SP-IV-RR	22 17466		
<b>Land Rover</b>	LR0022460	<b>Peugeot/Citroen</b>	Z 000169756	
	LR023288		ZF 4HP20	
	TYK500050	<b>Porsche</b>	000 043 205 09	
<b>Lexus</b>	JWS 3309		000 043 205 28	
	<b>MAN Trucks</b>		339 Type D	999 917 547 00 (A2)
339 Type F			ATF 3403-M115,	
339 V2			T-IV (JWS 3309)	
339 Z1			Z 000169756	
339 Z2		ZF 5HP19FL, ZF 5HP20, LT71141		
339 Z3		DPO/AL4		
<b>Maserati</b>	MAN 339 V1	<b>Renault</b>	Matic D2	
	231603		Samsung SATF-D	
<b>Mazda</b>	ATF 3317	<b>Saab</b>	93 160 393	
	ATF F-1		93 165 147	
	ATF FZ		T-IV (JWS 3309)	
	ATF M-III	<b>Scion</b>	All vehicles	
	ATF M-V		124	
	ATF N-1	<b>Shell (OEM ATF)</b>	3353	
	ATF S-1		3403, M115, LA 2634	
	D-II		L12108	
<b>MB (Mercedes Benz)</b>	236.1		<b>Ssang yong</b>	M-1375.4, M1375.6
	236.1			DSIH 5M-66
	236.11	ATF		
	236.12 (LV) **	<b>Subaru</b>	ATF 5AT	
	236.14 (LV) **		ATF HP	
	236.15 (LV) **		Dexron®-II	
	236.16 (LV) **		KO140Y0700	
	236.17		AT OIL 5D06	
	236.2	<b>Suzuki</b>	ATF 2326	
	236.3		ATF 2384K	
	236.41		ATF 3314	
	236.5		ATF 3317	
	236.6		ATF AW-1	
	236.7		JWS 3309	
	236.8			
236.91				
NAG 1				
ZF 4HP20				

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OEM	Specification	OEM	Specification
Texaco	7045-E	ZF	T-IV (JWS 3309)
	8072B		3, 4, & 6 speed transmissions
	N402		ZF 5HP24
Toyota	ATF D-II		TE-ML 02F
	ATF D-III		TE-ML 03D
	ATF T-III		TE-ML 04D
	ATF T-IV		TE-ML 05L
	ATF Type T		TE-ML 09
	ATF WS		TE-ML 09X
Vickers	M2950-S, I-286-S		TE-ML 11A, 11B
Voith	55.6335.xx (G607)		TE-ML 14A
	55.6336.xx (G13636)		TE-ML 14B
	Service Bulletin #013 and #118		TE-ML 14C
VW	5 HP (ZF 5 HP 30)		TE-ML 16N
	5HP (18FL, 30)		TE-ML 17C
	5HP (19FL, 24A)		TE-ML 21L
	G US 000 162		ZF 8 & 9 speed transmissions (Lifeguardfluid 8 and Lifeguardfluid 9)
	G 052 025-A2	Volvo	97325
	G 052 055		97335
	G 052 162-A1/A2 (ZF Lifeguardfluid 5)		97342
	G 052 990		CE 97340
	G 053 025-A2		CE 97341 (STD 1273.41)
	G 055 005-A/A1/A2 (ZF Lifeguardfluid 6)		PN 1161521
	G 055 025 A2 (JWS 3309)		PN 1161540/1161640
	G 055 162-A2, -A6 (ZF Lifeguardfluid 6+)		
	G 055 540-A2		
	G 060 162 (ZF Lifeguardfluid 8)		
	G-053 162 A1 (ZF Lifeguardfluid 5)		
	LT71141		
	TL 521 62		

**\*\*\* USING TRIAX GLOBAL ATF IN LV (LOW VISCOSITY)  
ATF APPLICATIONS:**

While newer transmissions have an LV fluid as an OEM specification, it is widely recommended to use a high viscosity ATF (HV) like the TRIAX Global ATF as a substitute. High viscosity ATFs offer higher film strength, better shear stability, much longer life, better long term shift stability, anti-shudder performance, seal protection and wear protection. These enhanced properties significantly improve transmission life and are especially recommended & beneficial for heavy duty service applications such as pickup trucks hauling, towing & off-road.