



PureSYN Universal Automatic Transmission Fluid

PureSYN Universal ATF is a full synthetic transmission fluid specifically designed for today's technologically enhanced automatic transmissions. Including those requiring GM DEXRON®-VI, Ford Mercon®-V, Mercon®-SP & Mercon®-LV, Chrysler ATF+3 & ATF +4, Toyota T-II, T-III, T-IV & WS, Honda, Acura, Volvo, Mercedes, BMW. It is recommended for use in several heavy duty automatic transmissions. And backward compatible for use in transmissions previously serviceable by GM DEXRON®-II or DEXRON®-III and Ford Mercon® among others.

Formulated with synthetic base stocks, friction modifiers, seal conditioners, shear stable viscosity modifiers, anti-wear additives and additional components. PureSYN Universal ATF's advanced technology delivers ultimate protection and peak performance against shudder, slippage, leaks and gear wear commonly associated with transmission degradation.

APPLICATIONS

- Passenger cars
- Light and heavy duty trucks
- Buses, commercial vehicles, emergency vehicles
- On and off highway vehicles
- May also be used for power steering units and hydraulic systems

FEATURES AND BENEFITS

One fluid for virtually every worldwide transmission application

- Reduces transmission fluid inventory
- Prevents misapplication and expensive claims
- Eliminates the need for converters
- Highly shear stable and improved wear protection
- Superior anti-shudder performance
- Excellent flow properties at low temperatures and film protection at high temperatures
- Extended life of service and performance

RECOMMENDED PERFORMANCE SPECIFICATIONS

Please consult application chart for full list of applications. Not recommended for use in continuously variable transmissions (CVT), dual clutch transmissions (DCT), or applications where Ford Type F fluids are recommended. Refer to owner's manual for manufacturer's recommendation.

PureSYN Universal ATF	Typical Characteristics	
	Test Method ASTM-D	SAE Viscosity Grade
API Gravity	1298	32
Appearance	Visual	Red
Flash Point, COC °C/°F	92	204/400
Pour Point, °C/°F	97	-45/-49
Viscosity		
cSt @ 40 °C	445	34.0
cSt @ 100 °C	445	6.0
Viscosity Index	2270	153
Brookfield Viscosity cP @ -40 °C	2983	12,500

MAKE		FLUID SPECIFICATION	
ATF Type A		Suffix A	
Aisin Warner		M315 Types A-1, AW-1 3309	
Acura	AF2	DEXRON II	
	SLF	Honda ATF-Z1	
	SLF	ATF DW1	
Alfa Romeo		All vehicles*	
Allison		C-3, C-4, TES-389, TES-295*	
American Motors	AP3	ATF +3 (MS7176E)	
	AP4	ATF +4 (MS 9602)	
Audi	AE	LT 71141	
	AF2	DEXRON II	
	SLF	G-052-025-A2	
		G-052-162-A1, A2	
		G-052-182-A2	
		G-055-025-A2	
		ZF 5HP19FL, 5HP25A	
	TL 52162		
T-IV	Toyota WS		
BMW	AF3	DEXRON III	
	AE	83 22 9 407 (765, 807, 858, 859), LT 71141	
	SLF	83 22 9 400 (272, 275)	
		83 220 397 (114)	
		ZF 5HP (18FL, 19FL, 24A, 30)	
		LA2634	
		ETL-7045E	
		ETL-8072B	
		N402	
	AF6	DEXRON VI	
Caterpillar		Power Shift TO-2	
Chrysler	AP3	ATF +3 (MS7176E)	
	AP4	ATF +4 (MS 9602)	
	SLF	DIAMOND SP-III	
	AF6	Mopar AS68RC	
Daewoo	AE	LT 71141	
Daihatsu		ALUMIX MULTI	
Esso		LT 71141	
Fiat		Type T-IV	
Ford	MA	MERCEN (M506050501)	
	MA5	MERCEN V (XP-5-QM)	
	MSP	MERCEN SP (XT-6-QSP)	
	MLV	MERCEN LV (XT-10-QLV)	
	SLF	WSS-M2C-33-A/B/C/D/F/G	
GM	AF2	DEXRON II	
	AF3	DEXRON III	
	AF6	DEXRON VI	
	SLF	GM 9986195	
		GM 12378515	
GM Transfer Case 12378396			
	GM Transfer Case 12378508		
Honda	AF2	DEXRON II	
	SLF	Honda ATF-Z1	
	SLF	Honda ATF-DW1	
Hyundai	SLF	SP-II, SP-III, SP-IV	
		NWS-9638	
		Shell M-1375.4	
	TIV	ATF Red-1K	
	WS	Toyota T-IV	
WS	Toyota WS		
Idemitsu	SLF	K17, Jatco 3100 PL085	
Infinity	SLF	Matic-D, -J, -K, -S	
Isuzu	AF3	DEXRON III	
Jaguar	AF3	DEXRON III	
	AE	LT 71141, JLM 20238	
	SLF	M-1375.4	
		ATF 3403 M115	
		ZF 5HP24	
	K17, Jatco 3100 PL085		
MA5	MERCEN V		
JASO		M315 Type A-1	
Jeep	MA	MERCEN	
	AP3	ATF +3	
	AP4	ATF +4	
	SLF	ATF 3403 M115	
JWS		3309	
Kia	AF3	DEXRON III	
	SLF	ATF Red-1K	
		M-1375.4	
		Kia SP-II, SP-III, SP-IV	

MAKE		FLUID SPECIFICATION	
Lexus	AF3	DEXRON III	
	TIV	Toyota Type T, T-II, T-III, T-IV	
	WS	Toyota Type WS	
MAN		339A,F,V1,V2,Z1,Z2,Z3	
Mazda	AF3, MA	DEXRON III, MERCEN	
	SLF	ATF M-V	
	MA5	MERCEN V	
	MLV	MERCEN LV	
TIV	Toyota Type T-IV		
Mercedes Benz	AF3	DEXRON III (236.9,236.1) DEXRON II (236.6,236.7,236.8)	
	SLF	ATF 3403 M115, 236.10	
		236.12 (NAG1, NAG2)	
		236.81	
		236.5 (C-4)	
		236.2 (Type A)	
		236.36 (PSF)	
	ZF 4HP20		
Mini Cooper	TIV	Toyota Type T-IV	
Mitsubishi	AF2	DEXRON II	
	AF3	DEXRON III	
	SLF	DIAMOND SP-II, SP-III, SP-IV	
Nissan	SLF	Dia Queen J2	
Nissan	SLF	Nissan ATF	
Opel		Matic-D, -J, -K, -S	
Opel		19 40 700, 19 40 707, 19 40 767	
Peugot		ZF 4HP20	
Porsche		ZF 5HP19FL	
	AE	Porsche P/N 999 917 547 00 (A2) or 000 043 205 09	
	SLF	000 043 204 41, ATF 3403-M115	
	TIV	00004320528, T-IV	
Renault		All vehicles*	
SAAB	AF3	DEXRON III	
	AF6	DEXRON VI	
	TIV	Toyota Type T-IV	
	SLF	3309	
		Aporoil ATF HP	
93 165 146			
	93 165 147*		
Saturn	AF3	DEXRON III	
	AF6	DEXRON VI	
	TIV	Toyota Type T-IV	
	SLF	Honda ZF-1	
Scion	TIV	Toyota Type T-IV	
Shell	WS	Toyota Type WS	
Shell		3403, 3353, LA 2634, M-1375.4	
Subaru	AF3	DEXRON III	
	SLF	Subaru ATF	
Suzuki	AF3	DEXRON III	
	AF6	DEXRON VI	
	TIV	Toyota Type-IV	
	AE	LT 71141	
	SLF	Nissan Matic S or J	
	3309, 3317		
Texaco		ETL-7045E, ETL-8072B, N402	
Toyota	AF3	DEXRON III	
	TIV	Toyota Type T II, T-III, T-IV	
	WS	Toyota Type WS	
Vickers		M-2950-S, I-286-S	
Voith		G607 (55.6335.XX)	
		G1363 (55.3636.XX)	
		Turbo, ZF, Ecomat	
VW	AE	LT 71141	
	SLF	5HP19FL, 5HP24A	
		TL 52162 (This fluid is yellow)	
		G-052-025-A2	
		G-055-025-A2	
		G-052-162-A1, A2	
		G-052-182-A2	
	G-052-990-A2		
TIV	Toyota Type-IV		
Volvo	AF3/MA	DEXRON/MERCEN	
		97340, 97341, 1161521, 1161540	
	TIV	Toyota Type-IV	
ZF		Ecomat ZF TE-ML 02F, 03D, 04D, 05L, 09, 11B	
		ZF TE-ML 14 A, B, C, 16L, 17C	

*Note: PureSYN Universal ATF is not recommended for use in extended drain heavy-duty, Continuously Variable Transmissions (CVT), Dual Clutch Transmissions (DCT) or Type F. Always refer to owners manual for proper fluid recommendation.