



## **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.

<b>PureSYN Universal ATF</b>	<b>Typical Characteristics</b>	
	Test Method ASTM-D	
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	MERCON (M506050501)	
	MA5	MERCON V (XP-5-QM)	
	MSP	MERCON SP (XT-6-QSP)	
	MLV	MERCON 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	MERCON V		
JASO		M315 Type A-1	
Jeep	MA	MERCON	
	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, MERCON	
	SLF	ATF M-V	
	MA5	MERCON V	
	MLV	MERCON 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/MERCON	
		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.