



Evolutionary Performance™

FMX TECHNOLOGY **FRICTION MANAGEMENT FOR XTREME PROTECTION**



Evolutionary Performance™

AUTOMATIC TRANSMISSION FLUID

QUICK REFERENCE GUIDE

CLAIMS

	Full Synthetic Multi-Vehicle	Multi-Vehicle	Type F	Mercon® V	ATF+4®	Low-Viscosity Multi-Vehicle DEXRON®-VI/ MERCON® LV	ATF	CVT	DCT
Mazda ATF M-II, MV, T-IV	○	○		○		○			
Mazda CVTF 3320							○		
MB 223.2, 236.1, 236.2, 236.10, 236.12, 236.41, 236.5, 236.6, 236.7, 236.8, 236.9						○			
MB236.1, 2, 5, 6, 7, 9, 10, 11	○	○		○					
Mercedes Benz (236.20)							○		
Mercedes Benz CVT28/MB-Approval 236.20							○		
Mercon®, Ford ESP-M2C166-H	○	○		○		▲	●		
Mercon® LV (XT-10-QLV)						★			
Mercon® SP, except 6HP26/6R60/6R75						▲			
Mercon® V (XT-5-QM, XT-5-DM)				★					
Mini Cooper (EZL 799/ EZL 799A/ZF CVT V1)						○		○	
Mini Cooper T-IV						○			
MINI P/N 83 22 0 402 413	○	○		○		○			
Mitsubishi (CVTF-J1)								○	
Mitsubishi DiaQueen (CVTF-J1, CVTF-J4)								○	
Mitsubishi DiaQueen SK, AW, J2, J3, PA						○			
Mitsubishi TC-SST 6-speed (GFT) / MZ320065 DiaQueen SSTF-1									○
Mopar AS 68 RC, JWS 3309						○			
NAG-1	○					○			
Nissan Matic-D, J, K, 402	○	○		○		○			
Nissan Matic, J, S						○			
Nissan (NS-1, NS-2, NS-3)								○	
Opel						○			
PKD transmissieolie voor ZF (DCT Transmission Oil for ZF)									○
Pentosin FFL 2, 3, 4									○
Peugeot/Citroen DCS 6-speed (GFT)/9734.S2									○
Peugeot ZF 4HP20						○			
Porsche P/N 999 917 547 00 (A2)	○	○		○		○			
Porsche ZF 5HP19FL, ZF 5HP20, LT71141, ATF 3403-M115, T-VI, JWS 3309						○			
Punch EZL 799/EZL 799A								○	
Renault EDC 6-speed (Getrag)									○
Renault ELFMATIC								○	
SAAB P/N 22 717 466, 93 165 147 (AW-1)	○	○		○		○			
Saturn P/N 21005966	○	○		○		○			
Saturn T-IV, GM TASA, T-IV ATF, GM WS ATF	○	○		○		○			
Shell 3403, LA 2634, Texaco 7045-E, ETL-8072B	○	○		○		○			

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Shell 3403 M115	○	○		○		○			
Shell Green 1V									○
Shell TF DCT-F3									○
Subaru ATF 5AT, Dex II, AT OIL 5006									○
Subaru ATF, ATF-HP	○	○		○		○			
Subaru (NS-2 / Lineartronic CVTF, i-CVTF/K0425Y0710, CV-30) e-CVTF									○
Suzuki ATF 2326, 2384K, JWS 3309, 3314									○
Suzuki 3314, 3317	○	○		○					
Suzuki (TC / NS-2 / CVTF Green 1, CVTF Green 2, CVTF 3320)									○
Texaco N402	○	○		○		○			
Toyota D-II, D-III						○			
Toyota T-II, T-III, T-IV, WS, Ford XT8QAW	○	○		○		○			
Toyota (TC, FE)									○
Type A						○			
Voith 55.6335 (G607)	○	○		○		○			
Volvo Passenger Car (4/6sp), Volvo 97340, 97341, 97342	○	○		○		○			
Volvo P/N 1161540-8	○	○		○		○			
Volvo Powershift 6-speed (GFT)/ 1161838/1161839									○
VW 5 HP ZF5 HP 30, 18FL, 30, 19FL, 24A, G-055-025 A2, TL 521 62						○			
VW (Audi, Seat, Skoda) 6-speed									○
VW/Audi TL 52529 (spec) / G 052 529 A2 or A6 (fluid)									○
VW/Audi TL 521 82 (spec) / G 052 182 A2 or A6 (fluid)									○
VW G 052 025, 162, 099, 055 025	○	○		○		○			
VW P/N GUS 000 162	○	○		○					
VW TL52162 (LT71141)									○
XT-6-QSP, XT-6-DSP, except 6HP26/6R60/6R75 transmissions						▲			
ZF all 3 & 4 speed trans.						○			
ZF 845RE/870RE ZF 8HP45/8HP70/8HP90						○			
ZF/Porsche Oil #999.917.080.00									○
ZF TE-ML 03D, 04D, 05L, 09, 11B, 14A, 16L, 17 C	○	○		○		○			
ZF TE-ML 02F, TE-ML 03D, TE-ML 04D, TE-ML 09, TE-ML 11A						○			
ZF TE-ML 14A, TE-ML 14C, TE-ML 16L, ZF TE-ML 17C						○			
ZF TE-ML 14B	○	●		●		○			

★ = Approved ● = Meets Requirements ○ = Suitable for Use ▲ = SFU, Vis Requirements not met

PASSENGER CAR

AUTOMATIC TRANSMISSION FLUID



Evolutionary Performance™

FMX TECHNOLOGY
FRICTION MANAGEMENT FOR
XTREME PROTECTION

MAG 1 AUTOMATIC TRANSMISSION FLUID

MAG 1 Automatic Transmission Fluid is engineered to extend transmission life and smooth operation of Ford and General Motors vehicles where a DEXRON®-III/MERCON® fluid is specified.

MAG 1 FULL SYNTHETIC MULTI-VEHICLE TRANSMISSION FLUID

MAG 1 Full Synthetic Multi-Vehicle ATF is a balanced advanced formula utilizing superior additive technology and 100% synthetic base oils helping to ensure peak performance of almost any automatic transmission. This premium-quality product meets and exceeds the frictional and wear requirements of many automatic transmissions manufactured after 1983, including many foreign vehicles.

MAG 1 MULTI-VEHICLE TRANSMISSION FLUID

MAG 1 Multi-Vehicle Automatic Transmission Fluid is engineered to extend transmission life and smooth operation of many automatic transmissions from a variety of OEMs.

MAG 1 LOW VISCOSITY MULTI-VEHICLE TRANSMISSION FLUID

MAG 1 Low-Viscosity Automatic Transmission Fluid is a balanced advanced formula utilizing superior additive technology and 100% synthetic base oils. DEXRON®-VI/MERCON® LV Approved.

MAG 1 MERCON® V TRANSMISSION FLUID

MAG 1 MERCON® V ATF is specially formulated with a unique combination of conventional base stocks and an advanced additive technology to meet the performance requirements of Ford automatic transmissions calling for MERCON® V fluid.

MAG 1 TYPE F AUTOMATIC TRANSMISSION FLUID

MAG 1 Type F Automatic Transmission Fluid is approved for all Ford automatic transmissions built prior to 1977 and certain models for years 1977 through 1980. Meets Ford specifications for high static friction fluid and requirements for transmissions recommending a Type F fluid.

MAG 1 ATF+4®

MAG 1 ATF+4® is licensed by FCA US, LLC for use in all Chrysler, Dodge, and Jeep vehicles calling for ATF+4®, ATF+3®, or ATF+2® transmission fluid.

MAG 1 CONTINUOUSLY VARIABLE TRANSMISSION FLUID

MAG 1 CVT Fluid formulated with a unique combination of full synthetic base stocks and an advanced additive technology designed for the specific demands of CVTs. Recommended for use in most belt- or chain-driven CVTs. Not a replacement for ATF.

MAG 1 DUAL CLUTCH TRANSMISSION FLUID

MAG 1 Full Synthetic DCT Fluid is for service fill applications on a wide range of European, Asian, and American vehicles equipped with a wet Dual Clutch Transmission. MAG 1 DCT fluid has demonstrated robust performance in both industry/OEM testing as well as extensive field testing.

TYPICAL PHYSICAL PROPERTIES										
Properties	Test Method	ATF	Full Synthetic Multi-Vehicle	Multi-Vehicle	Low-Viscosity Multi-Vehicle DEXRON®-VI/MERCON® LV	Mercon® V	Type F	ATF+4®	CVT	DCT
Brookfield Viscosity at -40°C, cP	ASTM D2983	18,500	10,300	11,300	10,300	11,300	37,000	9,000	12,300	16,826
Color	ASTM D1500	Red	Red	Red	Red	Red	Red	Red	Amber	Amber
Flash Point °C	ASTM D92	204	216	204	220	204	204	204	199	199
Flash Point °F	ASTM D92	400	420	400	428	400	400	400	390	390
Gravity, °API	ASTM D287	32.98	34.66	33.02	35.60	33.02	32.67	34.81	34.23	34.5
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)	-51°C (-60°F)	-51°C (-60°F)	-51°C (-60°F)	-51°C (-60°F)	-51°C (-60°F)	-48°C (-54°F)	-51°C (-60°F)	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8603	0.8516	0.8601	0.8468	0.8601	0.8619	0.8508	0.8538	0.8524
Viscosity @ 100°C cSt	ASTM D445	7.38	7.41	7.56	5.797	7.56	7.47	7.68	7.21	7.038
Viscosity @ 40°C cSt	ASTM D445	35.67	33.64	35.43	28.56	35.43	38.11	35.22	33.8	33.57
Viscosity Index	ASTM D2270	179	196	189	151	189	167	201	185	178

For more information, visit www.mag1.com.

CLAIMS

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Allison C-3						○			
Allison C-4	○					○	●		
Allison TES 389®*		◆		◆		◆			
Audi 5 HP LT71141, G 052162-A1/A2, G052 025 A2						○			
Audi G 052 025, 052 162, 055 025	○	○		○		○			
Audi/VW (TL 52180; G 052 180; G 052 516)							○		
BMW 6-speed DCT									○
BMW 7045E, LA2634, LT71141	○	○		○		○			
BMW 8322 0 136 376/8322 0 429 154(EZL799/EZL 799A)								○	
BMW Drivelogic 7-speed (Getrag)/DCTF-1									○
BMW JWS 3309, LA2634, ZF 5HP18FL, 5HP24, 5HP30, Mini						○			
BMW MTF LT-5									○
BMW P/N 83 22 0 024 359, ETL-8072B	○	○		○		●			
BMW P/N 83 22 0 0246 922, ETL-7045E	○	○		○		○			
BMW P/N 83 22 0 403 249, ETL-8072B	○	○		○		○			
BMW P/N 83 22 9 407 765, LA 2634	○	○		○		○			
BMW P/N 83 22 9 407 807, LT 711 41	○	○		○		○			
Borg Warner									○
Bugatti Veyron									○
Castrol BOT 341									○
Castrol BOT 450									○
Castrol Transmax Dual									○
CAT TO-2						○			
Chrysler 68044345 EA & GA									○
Chrysler 8 and 9 Speed Transmission						○			
Chrysler AS68RC, Diamond SP-III		○		○		○			
Chrysler ATF+4® (MS 9602)					★				
Chrysler ATF+3® (MS 7176E)					○				
Chrysler P/N 05127382AA, P/N 68043742AA (DEXVI)		○		○		○			
Chrysler Powershift 6-speed (Getrag)									○
Daewoo LT 71141						○			
Daihatsu Amix CVTF-DC, Daihatsu AMIX CVTF-DFE								○	
Daihatsu AMMIX ATF D-II, D-III SP						○			
DCT-1									○
DEXRON® III G/H, DEXRON® II, DEXRON®, AW1	○	○		○			●		
Dexron® VI						★			
Dodge / Jeep (NS-2 / CVTF+4/Mopar CVT 4)								○	
Esso 71141	○	○		○		○			

	Full Synthetic Multi-Vehicle	Multi-Vehicle	Type F	Mercon® V	ATF+4®	Low-Viscosity Multi-Vehicle DEXRON®-VI/MERCON® LV	ATF	CVT	DCT
Ferrari 7-speed (Getrag)/TE DCT-3									○
Fiat T-VI, JWS 3309						○			
Ford CFT30/WSS-M2C933-A / Motorcraft XT-7-QCFT									○
Ford (CVT23, CVT 30, Mercon C)									○
Ford FNR5						○			
Ford M2C138-CJ						○			
Ford M2C166H, 138CJ, 922A1, 924A, JWS 3309						○			
Ford/Nissan Powershift 6-speed (GFT)/Ford WSS-M2C936A									○
Ford P/N XT-2-DX (MERC), Ford P/N XT-2-SM (SYN MERC)	○	○		○					
Ford Type F, M2C-33G			●						
Ford WSS-M2C200-D2/XT-11-QDC									○
Fuchs 3353	○	○		○		○			
FUSD ATF-II, SPIII, A4						○			
GM/Saturn (DEX-CVT, CVTF I-Green2)									○
GMN10060						●			
Hino Blue Ribbon ATF						○			
Honda DW-1, Z-1	○	○		○		○			
Honda (HMMF, HCF-2)									○
Hyundai/KiaCVTF (SP-CVT 1)									○
Hyundai/Kia/Mitsubishi Diamond SP-II and SP-III, RED-1, SP-IV	○	○		○		○			
Hyundai/Kia SP-IV M, RR Dex-II/SP-II, JWS 3314, 9683						○			
Hyundai NSWS9638	○	○		○		○			
IDEMITSU APOROL ATF HP	○	○		○		○			
Idemitsu K17	○	○		○		○			
ISUZU 08200-9001/Genuine ATF	○	○		○		○			
ISUZU BESCO ATF-II, III						○			
Jaguar ATF 3403 M115, LT71141, ZF 5HP24, JLM20238						○			
Jaguar P/N WSS-M2C922-A-1	○	○		○		○			
Jaso M315-2013, 1A, 1A-LV, 2A						○			
JWS 3309, Any 3309	○	○		○		○			
JWS 3324	○	○		○		○			
Lexus JWS 3309						○			
M315-2004 JASO 1A, 2A	○	○		○		○			
MAN 339 Type V2	○					○			
MAN 339 Type Z1, Z2, V1	○	●		●		○			
Mazda ATF D-II, M-III, M-V, FZ, F-1, S-1, N-1, 3317						○			

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