



# MAG1<sup>®</sup>

*Evolutionary Performance™*



**AUTOMATIC  
TRANSMISSION FLUID**



Evolutionary Performance™

**FMX** TECHNOLOGY **FRICTION MANAGEMENT FOR XTREME PROTECTION**

**PASSENGER CAR**  
AUTOMATIC TRANSMISSION FLUID



Automotive transmissions have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced transmission fluids meet the difficult challenges of effectively balancing performance, strength and durability.

**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®/MERCEN® fluid is specified.

**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/MERCEN® LV Approved.

**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 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 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 MERCEN® V TRANSMISSION FLUID**

MAG 1 MERCEN® 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 MERCEN® V 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.

**PACK SIZES**

	Pack Size	Product #		Pack Size	Product #	
<b>ATF*</b>	6/1 Quart	00900	<b>Low-Viscosity Multi-Vehicle*</b>	6/1 Quart	64092	
	3/1 Gallon	00906		6 Gallon**	65449	
	2/2.5 Gallon	00902		55 Gallon	64094	
	5 Gallon	00905		330 Gallon	65480	
	55 Gallon	62856		<b>Mercon V*</b>	6/1 Quart	63453
330 Gallon	65479	6/1 Quart	00910			
<b>Full Synthetic Multi-Vehicle*</b>	6/1 Quart	62555	<b>Type F*</b>	55 Gallon	63440	
	3/1 Gallon	63341		<b>ATF+4*</b>	6/1 Quart	60627
<b>Multi-Vehicle*</b>	55 Gallon	62869	<b>CVT*</b>	6/1 Quart	63318	
	6/1 Quart	00915				
	55 Gallon	60613				

**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
Brookfield Viscosity at -40°C, cP	ASTM D2983	18,500	10,300	11,300	10,300	11,300	37,000	9,000	12,300
Color	ASTM D1500	Red	Red	Red	Red	Red	Red	Red	Amber
Flash Point °C	ASTM D92	204	216	204	220	204	204	204	199
Flash Point °F	ASTM D92	400	420	400	428	400	400	400	390
Gravity, °API	ASTM D287	32.98	34.66	33.02	35.60	33.02	32.67	34.81	34.23
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)
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
Viscosity @ 100°C cSt	ASTM D445	7.38	7.41	7.56	5.797	7.56	7.47	7.68	7.21
Viscosity @ 40°C cSt	ASTM D445	35.67	33.64	35.43	28.56	35.43	38.11	35.22	33.8
Viscosity Index	ASTM D2270	179	196	189	151	189	167	201	185

\*Available in Bulk  
\*\* Enviro Box®



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**FMX** TECHNOLOGY **FRICITION MANAGEMENT FOR XTREME PROTECTION**

**CLAIMS**

	Full Synthetic Multi-Vehicle	Multi-Vehicle	Type F	Mercon V	ATF+4	Low-Viscosity Multi-Vehicle DEXRON®-VI/ MERCON® LV	ATF	CVT
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 7045E, LA2634, LT71141	○	○		○		○		
BMW 8322 0 136 376/8322 0 429 154(EZL799/EZL 799A)								○
BMW JWS 3309, LA2634, ZF 5HP18FL, 5HP24, 5HP30, Mini						○		
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	○	○		○		○		
CAT TQ-2						○		
Chrysler AS68RC, Diamond SP-III		○		○		○		
Chrysler ATF+4 (MS 9602)					★			
Chrysler ATF+3 (MS 7176E)					○			
Chrysler P/N 05127382AA, P/N 68043742AA (DEXVI)		○		○		○		
Daewoo LT 71141						○		
Daihatsu Amix CVTF-DC, Daihatsu AMIX CVTF-DFE								○
Daihatsu AMMIX ATF D-II, D-III SP						○		
DEXRON III G/H, DEXRON II, DEXRON, AW1	○	○		○			●	
Dexron VI						★		
Dodge / Jeep (NS-2 / CVTF+4/ Mopar CVT 4)								○
Esso 71141	○	○		○		○		
Fiat T-VI, JWS 3309						○		
Ford CFT30/WSS-M2C933-A / Motorcraft XT-7-QCFT								○

	Full Synthetic Multi-Vehicle	Multi-Vehicle	Type F	Mercon V	ATF+4	Low-Viscosity Multi-Vehicle DEXRON®-VI/ MERCON® LV	ATF	CVT
Ford (CVT23, CVT 30, Mercon C)								○
Ford FNR5						○		
Ford M2C138-CJ						○		
Ford M2C166H, 138CJ, 922A1, 924A, JWS 3309						○		
Ford P/N XT-2-DX (MERC), Ford P/N XT-2-SM (SYN MERC)	○	○		○				
Ford Type F, M2C-33G			●					
Fuchs 3353	○	○		○		○		
FUSO 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 APOROIL 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	○					○		

★ = Approved ■ = MAG 1 recommends this product for use in applications calling for this specification ● = Meets Requirements ○ = Suitable for Use  
 Δ = SFU, Vis Requirements not met  
 \*Allison TES 389 is a registered trademark of Allison Transmissions, Inc.



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**FMX** TECHNOLOGY **FRICITION MANAGEMENT FOR XTREME PROTECTION**

**CLAIMS**

	Full Synthetic Multi-Vehicle	Multi-Vehicle	Type F	Mercon V	ATF+4	Low-Viscosity Multi-Vehicle DEXRON®-VI/MERCON® LV	ATF	CVT
MAN 339 Type Z1, Z2, V1	○	●		●		○		
Mazda ATF D-II, M-III, M-V, FZ, F-1, S-1, N-1, 3317						○		
Mazda ATF M-III, 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						○		
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						○		
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 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	○	○		○		○		

	Full Synthetic Multi-Vehicle	Multi-Vehicle	Type F	Mercon V	ATF+4	Low-Viscosity Multi-Vehicle DEXRON®-VI/MERCON® LV	ATF	CVT
Shell 3403, LA 2634, Texaco 7045-E, ETL-8072B	○	○		○		○		
Shell 3403 M115	○	○		○		○		
Shell Green 1V								○
Subaru ATF 5AT, Dex II, AT OIL 5D06						○		
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	○	○		○		○		
VW 5 HP ZF5 HP 30, 18FL, 30, 19FL, 24A, G-055-025 A2, TL 521 62						○		
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 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

**HEAVY DUTY TRUCK**  
TRANSMISSION FLUID



Heavy duty truck transmissions have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced transmission fluids meet the difficult challenges of effectively balancing performance, strength and durability.

- **Performance** - Delivers superior friction stability to maintain smooth, consistent shifting and prevent shudder.
- **Strength** - Provides a strong oil film to prevent metal-to-metal contact between rotating parts to prevent wear.
- **Durability** - Resists thickening due to high operating temperatures.

MAG 1 helps optimize the friction, torque and function of your equipment to optimize performance and longevity.

**MAG 1 FULL SYNTHETIC HD 50 TRANSMISSION FLUID**

MAG 1 Full Synthetic Heavy Duty 50 Transmission Fluid is formulated for use in manual transmissions that undergo severe duty and extended drain intervals. It is blended with full synthetic base stocks and advanced additives to provide outstanding cold temperature performance and protect against corrosion, oxidation and deposits.

**MAG 1 FULL SYNTHETIC HEAVY DUTY AUTOMATIC TRANSMISSION OIL**

MAG 1 Full Synthetic Heavy Duty Automatic Transmission Fluid is formulated for use in heavy duty truck or bus transmissions that undergo severe duty and extended drain. It is formulated with full synthetic base oil and advanced additives to provide outstanding cold temperature performance and protect against corrosion, oxidation and deposits.

**PACK SIZES**

	Pack Size	Product #
<b>Full Synthetic HD 50 Transmission Fluid*</b>	5 Gallon	63598
	16 Gallon	67048
	55 Gallon	67046
<b>Full Synthetic Heavy Duty Automatic Transmission Fluid*</b>	55 Gallon	67076
	3/1 Gallon	67077

**CLAIMS**

	Full Synthetic HD 50 Transmission Fluid	Full Syn Heavy Duty Automatic Transmission Fluid
Allison TES-295**		◆
Allison TES-389**		◆
API GL-1 and MT-1	○	
Mack T0-A Plus	○	
Meritor 0-81	○	
Navistar/International TMS 6816	○	
Volvo I-Shift	○	
ZF Freedomline	○	

◆ = MAG 1 Recommended    ○ = Suitable for Use

**TYPICAL PHYSICAL PROPERTIES**

Properties	Test Method	Full Synthetic HD 50 Transmission Fluid	Full Synthetic Heavy Duty Automatic Transmission Fluid
Brookfield Viscosity at -40°C, cP	ASTM D2983	18,500	8,000
Color	ASTM D1500	Red	Red
Flash Point °C	ASTM D92	218	220
Gravity, °API	ASTM D287	32.98	35.42
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8603	0.8477
Viscosity @ 100°C cSt	ASTM D445	7.38	7.349
Viscosity @ 40°C cSt	ASTM D445	35.67	34.81
Viscosity Index	ASTM D2270	179	181

\*Available in Bulk

\*\*Allison TES-295 and TES-389 are registered trademarks of Allison Transmissions, Inc.



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**FMX** TECHNOLOGY **FRICTION MANAGEMENT FOR XTREME PROTECTION**

AGRICULTURE & CONSTRUCTION EQUIPMENT



MAG 1® Agriculture and Construction Lubricants provide unsurpassed protection even in the harshest conditions. We offer a wide range of lubrication products for most farming and construction operations that meet the difficult challenges of effectively balancing performance, strength and durability. Benefits of MAG 1:

- Outstanding thermal and oxidative stability
- Protection against component wear to extend equipment life
- Excellent pumpability in extreme cold
- Protection rust and corrosion from water contamination
- Optimally balanced frictional characteristics to ensure precise clutch and brake operation and reduce chatter

**MAG 1 UNIVERSAL TRACTOR TRANS HYDRAULIC FLUID**

MAG 1 Premium Universal Tractor Trans-Hydraulic Fluid is formulated with high-quality paraffinic base stocks, and is recommended for farm equipment with transmission final drives, wet brakes, clutches, and hydraulics supplied from a common reservoir.

**MAG 1 LOW VISCOSITY TRACTOR TRANS HYDRAULIC FLUID**

MAG 1 Low-Viscosity Tractor Trans-Hydraulic Fluid meets the performance requirements of John Deere® J-20D for hydraulic and hydrostatic systems. Provides outstanding cold weather performance. Can be used in place of Universal Tractor Hydraulic Fluid.

**MAG 1 FORD HYDRAULIC TRANSMISSION SAE 90**

Recommended for use in final drives, hydraulic systems and manual transmissions of Ford Tractors manufactured between 1939 and 1952 where a SAE 90 fluid that meets API Service GL-1 is specified.

**MAG 1 HYDROSTATIC MV ISO 46**

MAG 1 Hydrostatic MV ISO 46 is recommended for use in industrial hydraulic systems, skid-steer hydrostats/hydraulics, lawn and turf hydrostats/hydraulics, hydraulic systems that recommend multi viscosity and logging operations.

**MAG 1 TO 4 TORQUE FLUIDS**

MAG 1 TO-4 Torque Fluids are multipurpose lubricants designed for use in transmissions, wet brakes and hydraulic systems requiring a fluid meeting Caterpillar® TO-4 requirements. This fluid has outstanding hydraulic oil stability and allows protection against high-pressure pump wear. Available viscosities: SAE 10, SAE 30, and SAE 50.

**PACK SIZES**

	Pack Size	Product #		Pack Size	Product #
<b>Universal Tractor Trans-Hydraulic Fluid*</b>	3/1 Gallon	60681	<b>TO-4 Torque Fluid SAE 10*</b>	5 Gallon	66064
	2/2.5 Gallon	00522		55 Gallon	66065
	5 Gallon	00525		330 Gallon	65584
	55 Gallon	62863		5 Gallon	65845
<b>Low-Viscosity Tractor Trans-Hydraulic Fluid*</b>	330 Gallon	65576	<b>TO-4 Torque Fluid SAE 30*</b>	55 Gallon	62858
	5 Gallon	67154		330 Gallon	65585
<b>Ford Hydraulic Transmission SAE 90*</b>	5 Gallon	67154	<b>TO-4 Torque Fluid SAE 50*</b>	5 Gallon	65846
	2/2.5 Gallon	00342		55 Gallon	65848
<b>Hydrostatic MV ISO 46*</b>	3/1 Gallon	63952		330 Gallon	66366

**TYPICAL PHYSICAL PROPERTIES**

Properties	Test Method	Universal Tractor Trans-Hydraulic Fluid	Low-Viscosity Tractor Trans-Hydraulic Fluid	Ford Hydraulic Transmission SAE 90	Hydrostatic MV ISO 46	TO-4 Torque Fluid SAE 10	TO-4 Torque Fluid SAE 30	TO-4 Torque Fluid SAE 50
Brookfield Viscosity at -40°C, cP	ASTM D2983	42,000	15,500	-	-	-	-	-
Calcium, wt. %	ASTM D5185	6.334	0.334	-	0.003	0.242	0.242	0.242
Color	ASTM D1500	1.5	Purple	5.0	0.5	2.0	5.0	8.0
Flash Point °C	ASTM D92	224	224	225	210	210	216	218
Flash Point °F	ASTM D92	435	435	437	410	410	420	425
Gravity, °API	ASTM D287	32.54	30.53	22.76	31.50	30.75	27.74	26.97
Oxidation Hours	ASTM D943	-	-	-	5000	-	-	-
Phosphorus, wt. %	ASTM D5185	0.13	0.13	-	0.033	0.092	0.092	0.092
Pour Point °C (°F)	ASTM D5950	-42°C (-44°F)	-54°C (-65°F)	-	-48°C (-54°F)	-33°C (-27°F)	-30°C (-22°F)	-27°C (-17°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8626	0.8733	0.9173	0.8681	0.8721	0.8886	0.8929
Viscosity @ 100°C cSt	ASTM D445	9.322	7.801	15.31	7.72	6.929	11.87	19.45
Viscosity @ 40°C cSt	ASTM D445	55.13	36	145.7	43.93	43.25	106.6	212.6
Viscosity Index	ASTM D2270	152	196	48	146	118	100	104
Zinc, wt. %	ASTM D5185	0.139	0.139	-	0.041	0.11	0.11	0.11

\*Available in Bulk



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**CLAIMS**

	Universal Tractor Trans-Hydraulic Fluid	Low-Viscosity Tractor Trans-Hydraulic Fluid	Ford Hydraulic Transmission SAE 90	Hydrostatic MV ISO 46	TO-4 Torque Fluid SAE 10	TO-4 Torque Fluid SAE 30	TO-4 Torque Fluid SAE 50
ABEX/Denison HF-0, HF-1, HF-2	○	○					
AGCO 821XL	○	○					
Allison C-3	○	○					
Allison C-4	○	○			●	●	●
Allison C-4, C-2	○	○					
API GL-1			○				
API GL-4	○	○					
Bosch Rexroth				○			
Case JIC 144, 145	○	○					
Case MS-1209, 1210, 1207, 1204	○	○					
CAT TDTO					○	○	○
CAT TO-2	○	○			○		○
CAT TO-4					●	●	●
Deutz, Allis-Chalmers Power Fluid 821	○	○					
DIN 51524, Part 1,2,3				○			
Ford New Holland M2C41A,B, M2C48B, M2C53A, M2C86A	○	○					
Ford New Holland M2C86B, M2C134A, B, C, D, (NH-410B)	○	○					
General Motors LS-2				○			
Grove Manufacturing Hydraulic Fluid	○	○					
Hesston-Fiat AF-87, Oilofiat Tutela Multi-F	○	○					
International Harvester Hy-Tran B-6	○	○					
JCMAS HK				○			
John Deere J14C, 303	○	○					
John Deere J20C/J20A/J21A	○	○					

	Universal Tractor Trans-Hydraulic Fluid	Low-Viscosity Tractor Trans-Hydraulic Fluid	Ford Hydraulic Transmission SAE 90	Hydrostatic MV ISO 46	TO-4 Torque Fluid SAE 10	TO-4 Torque Fluid SAE 30	TO-4 Torque Fluid SAE 50
John Deere J20D		●					
Kubota UDT	○	○					
Massey Ferguson M-1110, M-1127, M-1127A, M-1127B	○	○					
Massey Ferguson M-1129, M-1129A, M-1135, M-1141	○	○					
Massey Ferguson M-1135, M-1141, M-1143, M-1145	○						
MAT 3525, 3505	○	○					
Oliver/White Q-1826, Q1766, Q1722, Q1766B, Q1705, Q1802, Type 55	○	○					
Parker Denison HF-0, HF-1				○			
Parker Denison HF-2				○			
Sauer/Danfoss (Sundstrand) ? Hydrostatic Transmission Fluid	○	○					
Sperry Vickers/Eaton I-286-S, M-2950-S				○			
Sperry Vickers M-2950-S Mobil Hydraulics, I-286-S Industrial Hydraulics	○	○					
Steiger Hyd-Trans SEMS 17001	○	○					
US Steel 127, 136				○			
Valmet, Yanmar, New Idea Power Units, Leyland, Belarus & Fiat	○	○					
Versatile Gear and Hyd-Trans	○	○					
Vickers					●	●	●
Vickers 35VQ25	○	○					
ZF TE-ML 03C					●	●	

● = Meets Requirements ○ = Suitable for Use



Evolutionary Performance™

**FMX**® TECHNOLOGY **FRICTION MANAGEMENT FOR XTREME PROTECTION**

# TRANSMISSION ADDITIVES



Automotive transmissions have evolved dramatically, requiring highly specialized fluids for unique applications. One brand has evolved right alongside – MAG 1®. Only the most advanced transmission fluids and additives meet the difficult challenges of effectively balancing performance, strength and durability.

MAG 1 transmission additive products help optimize the friction, torque and function of your automatic transmission to maintain or improve the performance of your vehicle.

#### MAG 1 COMPLETE TRANSMISSION FLUSH

MAG 1 Complete Transmission Flush is a premium additive to be poured into the transmission prior to a fluid change. This product contains a special formulation that helps clean and prepare a transmission for a new fluid.

- Safe for use in any transmission.
- Safely removes varnish deposits.
- Contains excellent corrosion protection.

#### MAG 1 AUTOMATIC TRANSMISSION FLUID WITH STOP LEAK

MAG 1 Automatic Transmission Fluid with Stop Leak softens and conditions seals to help prevent leaks. Benefits include:

- Guards against seal hardening and distortion.
- Excellent high- and low-temperature protection.
- Stable friction properties for smooth and consistent shifting.
- Excellent shear stability.

PACK SIZES	Pack Size	Product #
	Complete Transmission Flush	12/12 Ounces
Automatic Transmission Fluid with Stop Leak	12/12 Ounces	00177
	6/1 Quart	00909

CLAIMS	Automatic Transmission Fluid with Stop Leak	
	Dexron®-III G/H, Dexron®-II, Dexron®, AW1	
Mercon, Ford ESP-M2C166-H		●
Chrysler MS-5931		○
Ford M2C195-A		○
GM 9985010		○

● = Meets Requirements ○ = Suitable for Use

TYPICAL PHYSICAL PROPERTIES			
Properties	Test Method	Complete Transmission Flush	Automatic Transmission Fluid with Stop Leak
Brookfield Viscosity at -40°C, cP	ASTM D2983	-	13,777
Color	ASTM D1500	2	Red
Flash Point °C	ASTM D92	140	204
Flash Point °F	ASTM D92	284	400
Gravity, °API	ASTM D287	26.6	33.61
Pour Point °C (°F)	ASTM D5950	-	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.895	0.8570
Viscosity @ 100°C cSt	ASTM D445	2	7.146
Viscosity @ 40°C cSt	ASTM D445	6	35.18
Viscosity Index	ASTM D2270	-	170





## Evolutionary Performance™

MAG 1® motor oils, lubricants and chemicals are designed to keep pace with today's engine demands, requiring lighter viscosities and increased power densities. It's the only brand with FMX® Technology System, which meets the difficult challenges of effectively balancing performance, strength and durability.

### THE MEANING OF EVOLUTIONARY PERFORMANCE™

Today's engines, machinery and equipment are evolving rapidly as OEMs push for more power density, lighter viscosity oil and increased fuel or fluid efficiency. MAG 1 is leading the way in this new evolution, based on the science of advanced additives and powerful molecular structures. It's all part of our exclusive FMX Technology System that boosts performance on many levels under the most severe operating conditions.

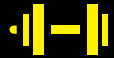
It means, despite lower viscosities, MAG 1 still delivers extraordinary performance, strength and durability, in every grade. Even the thinnest MAG 1 oils and fluids perform better than thicker oils of the past.

MAG 1 engine oils and lubricants are chemically formulated to deliver a higher level of performance that rises to the challenge of ever-increasing demands and developments by automotive, heavy duty truck and industrial equipment manufacturers.



#### PERFORMANCE

MAG 1 delivers unsurpassed protection to control friction and wear well beyond standard industry requirements. It can also help extend engine life and improve the performance of all types of vehicles, trucks, machinery, and equipment.



#### STRENGTH

MAG 1 is bolstered by FMX Technology, which provides a very strong oil film that shields engines, parts and machinery at multiple points of contact and fights friction between rotating parts.



#### DURABILITY

MAG 1 protects as well on the last day as it does on the first. Even under the most extreme operating conditions, it retains viscosity and withstands heat and shearing.



#### EXTREME CONDITIONS

With a powerful, molecular-reinforced formulation, MAG 1 reduces engine and equipment stresses from high heat, cold starts, heavy loads, steep inclines, dusty roads, power density, and more.

### WELL-EARNED REPUTATION

MAG 1 is the brand to trust no matter what kind of vehicle you drive or equipment you operate. Manufactured in the U.S.A. by one of the world's leading suppliers of lubricants and automotive chemicals, its solid reputation and record of performance over many years is a testament to the consistent, dependable quality of every MAG 1 product.



Manufactured by Warren Distribution, Inc.  
950 S 10th St, Suite 300 | Omaha, NE 68108 | U.S.A.  
Toll Free: 800-852-1235 | Main: 402-341-9397 | Spanish/International: 800-949-4645  
www.mag1.com | www.warrendistribution.com