ATF

AUTOMATIC TRANSMISSION FLUID

ATF (Automatic Transmission Fluid) is recommended for a variety of newer and older automatic transmissions. Across the ATF product line, performance benefits include premium low viscosity, cold-weather performance and superior protection. Choose ATF for your automatic transmission needs.

ATF products have been approved and are backed by Federated Co-operatives Limited Oil Guarantee for performance specifications GM DEXRON®, FORD MERCON® and are suitable for use in several additional OEM applications. Refer to the technical data sheets for more details.

TECHNICAL DATA SHEETS

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8 | ATF SERIES LV SYNTHETIC

ATF

DEX III/MERC

PRODUCT DESCRIPTION

ATF (DEX III/MERC) has been engineered to protect pre-2006 transmissions. Providing protection at high temperatures and outstanding fluidity in colder temperatures means your transmission is protected in all conditions.

PERFORMANCE FEATURES

- Exceptional frictional stability
- Corrosion protection for critical transmission components
- Prevents the formation of varnish and sludge on gears and bearings
- Jolt-free shifting
- High Viscosity Index provides performance in all temperature conditions
- Provides great wear protection in hydraulic applications

APPLICATIONS

ATF (DEX III/MERC) can be used in a variety of older automatic transmissions, including but not limited to Acura, AMC, Audi, BMW, Chrysler, Jeep, Eagle, Ford, Datsun, Nissan, GM, Mazda, Subaru, Toyota, Fiat, Volkswagen, Honda and Hyundai. It can also be used in hydraulic and power-steering systems, consult your manual for correct recommendation prior to use.

TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	ATF (DEX III/MERC)
Kinematic Viscosity cSt @ 40°C	ASTM D445	34.1
Kinematic Viscosity cSt @ 100°C	ASTM D445	7.0
Viscosity Index	ASTM D2270	171
Brookfield Viscosity cP @ °C	ASTM D2983	18,000 @ -40°
Pour Point, °C	ASTM D97	-48°
Colour	—	RED

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All others are trademarks of their respective companies. Toutes les autres sont des marques de leurs sociétés.

ATF
DEX III/MERC

PERFORMANCE SPECIFICATIONS

ATF (DEXRON® III/MERCON®) is approved and/or recommended and backed by Federated Co-operatives Limited Oil Guarantee for use in the following applications:

INDUSTRY/OEM	SPECIFICATIONS
ALLISON	C-4
FORD	MSC-166H/M2C-138CJ/Type H
	MERCON®
GM	DEXRON® III

SAFETY DATA SHEETS

Product-specific safety data sheets (SDS) can be obtained by contacting your local retail Co-op or Federated Co-operatives Limited (see contact information below) or by going online at www.fuel.crs

PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail Co-op for further details.

PRODUCT SIZES	ATF
946 mL Bottle	✓
3.785 L Bottle	✓
18.9 L Pail	✓
208 L Drum	✓
1000 L Tote	✓
Bulk	✓

ATF (DEXRON III/MERCON) should never be used in applications calling for a Type F fluid. In these instances, use ATF SERIES TYPE F.

RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

- Saskatchewan – www.usedoilrecyclingsk.com
- Alberta – www.usedoilrecyclingab.com
- British Columbia – www.bcusedoil.com
- Manitoba – www.usedoilrecycling.com/en/mb

CONTACT INFO

For more information on this or any other CO-OP® Premium Lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

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CO-OP® PREMIUM LUBRICANTS

ATF SERIES TYPE F

PRODUCT DESCRIPTION

ATF SERIES TYPE F Is for Pre-1977 Ford automatic transmissions require a specially designed ATF with frictional properties that are not needed in modern vehicle transmissions. ATF SERIES TYPE F provides the high frictional properties needed for proper clutch engagement in these transmissions through its superior-quality formulation.

PERFORMANCE FEATURES

- High coefficient of friction at low-sliding speeds
- Enhanced oxidation protection prevents deposits
- Anti-corrosion formula safeguards key transmission components
- Specially engineered to maintain integrity of internal seals

APPLICATIONS

AT F SERIES TYPE F is specifically for pre-1977 Ford C6 automatic transmissions. It can also be used in certain pre-1980 Ford power steering systems and specific Mazda, Toyota, and Volvo, as well as other applications that call for the obsolete Ford specification ESW-MSC33-F. There is also some OEM equipment requiring non-friction modified fluid where ATF TYPE F can be used.

TECHNICAL SPECIFICATIONS

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	ATF SERIES TYPE F
Kinematic Viscosity cSt @ 40°C	ASTM D445	35.8
Kinematic Viscosity cSt @ 100°C	ASTM D445	7.5
Viscosity Index	ASTM D2270	180
Pour Point, °C	ASTM D97	-56°
Colour	—	RED

ATF SERIES TYPE F

PERFORMANCE SPECIFICATIONS

ATF SERIES TYPE F is approved and/or recommended and backed by Federated Co-operatives Limited Oil Guarantee for use in the following applications:

INDUSTRY/OEM	SPECIFICATIONS
FORD	ESW-M2C33-F (OBSOLETE)

SAFETY DATA SHEETS

Product-specific safety data sheets (SDS) can be obtained by contacting your local retail Co-op or Federated Co-operatives Limited (see contact information below) or by going online at fuel.crs

RECYCLING OF USED LUBRICANTS AND CONTAINERS

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- British Columbia – www.bcusedoil.com
- Manitoba – www.usedoilrecycling.com/en/mb

PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail Co-op for further details.

PRODUCT SIZES	ATF SERIES TYPE F
946 mL Bottle	✓

ATF SERIES TYPE F should not be used in applications calling for GM Dexron II/III, Ford Mercon V/LV/SP, and/or other applications requiring a friction-modified transmission fluid.

CONTACT INFO

For more information on this or any other CO-OP® Premium Lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

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CO-OP® PREMIUM LUBRICANTS

ATF SERIES MV SYNTHETIC

MULTI-VISCOSITY

PRODUCT DESCRIPTION

ATF SERIES MV SYNTHETIC with its specially designed 100% synthetic formula offers superior wear protection, increased drain intervals and increased cold weather flow ability. The synthetic formula also offers protection in high temperatures where it maintains lubricity in severe operating conditions.

PERFORMANCE FEATURES

- 100% Polyalphaolefin (PAO) synthetic formula
- Extends transmission life
- Excellent low temperature fluidity
- Reduces varnish build up
- Improves fuel economy
- Corrosion protection
- Improved high temperature operation
- Smoother shifting with no transmission shudder

APPLICATIONS

ATF SERIES MV SYNTHETIC is intended for use as either top-up or service-fill fluid for a wide variety of domestic and import vehicles with automatic transmissions, as well as commercial applications.

TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	ATF SERIES MV SYNTHETIC
Kinematic Viscosity cSt @ 40°C	ASTM D445	38.1
Kinematic Viscosity cSt @ 100°C	ASTM D445	7.8
Viscosity Index	ASTM D2270	179
Pour Point, °C	ASTM D97	-63°
Brookfield Viscosity cP @ °C	ASTM D2983	8,640 @ -40°
Colour	—	RED

ATF SERIES MV SYNTHETIC

MULTI-VISCOSITY

PERFORMANCE SPECIFICATIONS

ATF SERIES MV SYNTHETIC is approved and/or recommended and backed by Federated Co-operatives Limited Oil Guarantee for use in the following applications:

INDUSTRY/OEM	SPECIFICATIONS
ACURA	Z1
ALLISON	C-4/C-3
AUDI	G 055 025 A2 (JWS 3309)/G 052 162 (ZF LIFEGUARDFLUID 5)/G 052 990/G 055 540
BMW	7045E/LA2634/LT 71141/JWS 3309 (T-IV)/ ETL-8072B/MINI/ZF 5HP18FL/5HP24/5HP30
CAT	TO-2
CHRYSLER	ATF +4/ATF +3/ATF +2/MOPAR AS 68 RC (T-IV)/JWS 3309/NAG 1
FIAT	T-IV TYPE/JWS 3309
FORD	MERCON® FNR5/WSS M2C 138CJ/WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309
GM	DEXRON® IIIH/IIIG/IID/IIE/II
HONDA	Z1 (except in CVT's)/DW-1
HYUNDAI/KIA	SP-II/SP-III/SP-IV/SP-IV M/SP-IV-RR/JWS 3314/NWS 9638
ISUZU	BESCO ATF-II/ATF III/ATF SP/SCS FLUID
JAGUAR	3403 M115/3403-M115/LT71141/ZF 5HP24/ JLM 20238/3403 JLM20238
JASO	M315-2013 1A/M315-2013 1A-LV/M315-2013 2A
JEEP	ATF +4/ATF +3/NAG 1
KIA	RED 1
LEXUS	JWS 3309
MAZDA	M-III/M-V/D-II/FZ/F-1/S-1/N-1/3317
MINI	T-IV
MITSUBISHI	DIAQUEEN SK/SP-II/SP-III/AW/J2/J3/ATF PA
NISSAN	MATIC C/D/J/K/S
SAAB	T-IV (JWS 3309)/93 165 147
SATURN	T-IV (JWS 3309)
SCION	ALL VEHICLES
SUBARU	ATF/ATF-5AT/ATF HP/DEXRON II
SUZUKI	AW-1/3314/3317/2326/2384K/JWS 3309/ AT OIL 5D06
TOYOTA	D-II/D-III/T-III/T-IV & WS
VICKERS	M2950-S/I-286-S
VOITH	55.6335.XX (G607)
VOLKSWAGEN	5HP (ZF 5 HP 30/18FL, 30/19FL, 24A)/G 052 025/G 052 099/G-055-025 A2 (JWS 3309)/G 052 162 (ZF LIFEGUARDFLUID 5)/ TL 521 62

PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail Co-op for further details.

PRODUCT SIZES	ATF SERIES MV SYNTHETIC
946 mL Bottle	✓

ATF SERIES MV SYNTHETIC should never be used in applications calling for a Type F fluid. In these instances, use ATF SERIES TYPE F.

SAFETY DATA SHEETS

Product-specific safety data sheets (SDS) can be obtained by contacting your local retail Co-op or Federated Co-operatives Limited (see contact information below) or by going online at fuel.crs

RECYCLING OF USED LUBRICANTS AND CONTAINERS

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- Manitoba – www.usedoilrecycling.com/en/mb

CO-OP® PREMIUM LUBRICANTS

CONTACT INFO

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ATF SERIES LV SYNTHETIC

LOW VISCOSITY

AUTOMATIC TRANSMISSION FLUID

PRODUCT DESCRIPTION

ATF (Automatic Transmission Fluid) Series LV Synthetic is a full synthetic low viscosity lubricant that provides excellent fluid life, consistent shifting, and outstanding wear protection. ATF SERIES LV SYNTHETIC is specially formulated to improve fuel economy, oxidation, shear stability, oxidation and low temperature fluidity. ATF SERIES LV SYNTHETIC has undergone field trial testing that exceeds 100,000 miles.

PERFORMANCE FEATURES

- Extends transmission life
- Excellent low temperature fluidity
- Lower carbon emissions, more fuel efficient
- Prevents clutch shudder and poor shifting
- Prevents the formation of varnish and sludge on gears and bearings

APPLICATIONS

ATF SERIES LV SYNTHETIC is recommended for six-speed automatic transmissions along with reduced viscosity ATF, which provides fuel efficiency benefits.

Meets major OEM specifications: GM DEXRON® VI, JASO 1-A-LV and Mercedes-Benz 236.41 and is suitable for use in many more OEM's specifications.

TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	ATF SERIES LV SYNTHETIC
Kinematic Viscosity cSt @ 40°C	ASTM D445	29.0
Kinematic Viscosity cSt @ 100°C	ASTM D445	6.0
Viscosity Index	ASTM D2270	155
Pour Point, °C	ASTM D97	-48°
Flash Point, °C	ASTM D92	203°
Brookfield Viscosity, cP @ °C	ASTM D2983	11,960 @ -40°
Density, at 15°C	ASTM D4684	0.8505
Colour		RED

PERFORMANCE SPECIFICATIONS

ATF SERIES LV SYNTHETIC is approved and/or recommended and backed by the Federated Co-operatives Limited guarantee for use in the following applications.

INDUSTRY / OEM	SPECIFICATIONS
ACURA	*ATF 3.0
AISIN	*AW-1
AUDI	*G 055 005, G 055 162, G 060 162, G 052 540
BMW	*ATF 3.0, M137.4/83 22 0 142 516, 83 22 2 152 426
FIAT	*MOPAR AW-1
FORD	* MERCON® LV
GM	DEXRON® VI
HYUNDAI	*SP-IV, SPH-IV, SP-IV M
ISUZU	*GASOLINE
JAGUAR	*FLUID 8432, 02JDE 26444
JASO	1-A-LV
MERCEDES-BENZ	236.41
	*MB 236.12, 236.14, 236.15, 236.16, 236.17
NISSAN	*MATIC S, MATIC W
SAAB	*93 165 147
SUBARU	*AUTO FLUID WS
TOYOTA	*WS
VOLKSWAGEN	*G 055 005, G 055 162, G 060 162, G 052 540
ZF	*TE-ML11

*Suitable for use

PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail Co-op for further details.

PRODUCT SIZES	ATF SERIES LV SYNTHETIC
1 L Bottle	✓
5 L Bottle	✓
10 L Bottle	
20 L Pail	✓
110 L Drum	
205 L Drum	✓*
1000 L Tote	

*Special Order / Packaged to Order

SAFETY DATA SHEETS

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- Manitoba – www.usedoilrecycling.com/en/mb

CONTACT INFO

For more information on this or any other CO-OP® lubricant product, please contact your local retail Co-operative or Federated Co-operatives Limited. petroadmin@fcl.crs • business.crs

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CO-OP® PREMIUM LUBRICANTS