



**PREMIUM  
LUBRICANTS**

# ATF

## AUTOMATIC TRANSMISSION FLUID

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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 Co-op 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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- 2 | **SONIC® ATF**
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- 6 | **SONIC® ATF TYPE F**



# SONIC® ATF

DEXRON® III/MERCON®

## PRODUCT DESCRIPTION

SONIC® ATF (DEXRON® III/MERCON®) 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

SONIC® ATF (DEXRON® III/MERCON®) 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 (DEXRON III/MERCON)
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

# SONIC® ATF

DEXRON® III/MERCON®

## PERFORMANCE SPECIFICATIONS

SONIC® ATF (DEXRON® III/MERCON®) meets the performance requirements of the following:

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](http://www.fuel.crs)

## PRODUCT SELECTION

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

PRODUCT SIZES	ATF
1 L Bottle	✓
5 L Bottle	✓
10 L Bottle	
20 L Pail	✓
110 L Drum	
205 L Drum	✓
1000 L Tote	✓
Bulk	✓

**SONIC® ATF (DEXRON III/MERCON)** should never be used in applications calling for a Type F fluid. In these instances, use SONIC® ATF 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](http://www.usedoilrecyclingsk.com)
- Alberta – [www.usedoilrecyclingab.com](http://www.usedoilrecyclingab.com)
- British Columbia – [www.bcusedoil.com](http://www.bcusedoil.com)
- Manitoba – [www.usedoilrecycling.com/en/mb](http://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](mailto:petroadmin@fcL.crs) • [www.fuel.crs](http://www.fuel.crs) • [www.agro.crs](http://www.agro.crs)

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# SONIC<sup>®</sup> ATF SL

DEXRON<sup>®</sup> III/MERCON<sup>®</sup>

## PRODUCT DESCRIPTION

SONIC<sup>®</sup> ATF SL 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

SONIC<sup>®</sup> ATF SL 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 SL
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

# SONIC® ATF SL

## DEXRON® III/MERCON®

### PERFORMANCE SPECIFICATIONS

SONIC® ATF SL meets the performance requirements of the following:

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/IIIE/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 SL
1 L Bottle	✓
5 L Bottle	
10 L Bottle	
20 L Pail	
110 L Drum	
205 L Drum	✓
1000 L Tote	✓

**SONIC® ATF SL** should never be used in applications calling for a Type F fluid. In these instances, use SONIC® ATF 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 [www.fuel.crs](http://www.fuel.crs)

### 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](http://www.usedoilrecyclingsk.com)
- Alberta – [www.usedoilrecyclingab.com](http://www.usedoilrecyclingab.com)
- British Columbia – [www.bcusedoil.com](http://www.bcusedoil.com)
- Manitoba – [www.usedoilrecycling.com/en/mb](http://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.

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# SONIC® ATF TYPE F

## PRODUCT DESCRIPTION

Pre-1977 Ford automatic transmissions require a specially designed ATF with frictional properties that are not needed in modern vehicle transmissions. SONIC® ATF 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

SONIC® ATF 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-MS33-F. There is also some OEM equipment requiring non-friction modified fluid where SONIC® 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 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

# SONIC® ATF TYPE F

## PERFORMANCE SPECIFICATIONS

SONIC® ATF TYPE F is approved and/or recommended for use in the following:

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 [www.fuel.crs](http://www.fuel.crs)

## 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](http://www.usedoilrecyclingsk.com)
- Alberta – [www.usedoilrecyclingab.com](http://www.usedoilrecyclingab.com)
- British Columbia – [www.bcusedoil.com](http://www.bcusedoil.com)
- Manitoba – [www.usedoilrecycling.com/en/mb](http://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 TYPE F
1 L Bottle	✓
5 L Bottle	
10 L Bottle	
20 L Pail	
110 L Drum	
205 L Drum	
1000 L Tote	

**SONIC® ATF 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® lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

[petroadmin@fcL.crs](mailto:petroadmin@fcL.crs) • [www.fuel.crs](http://www.fuel.crs) • [www.agro.crs](http://www.agro.crs)

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