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Synthetic Universal Automatic Transmission Fluid

Recommended for most automatic transmissions. Eliminates confusion, mis-applications and lowers inventory requirements. Delivers maximum protection and is excellent in demanding environments such as towing, hauling or commercial use. Lasts longer than conventional oil for extended drain intervals. Saves time and costly maintenance expenses. Superior hot and cold weather performance. Improves efficiency and typically reduces operating temperatures by as much as 50°F.

[See Pricing Information or Place an Order](#)

Package sizes include:

- 1-Quart Bottle
- 1-Quart Bottles (case of 12)
- 2.5-Gallon Bottle
- 2.5-Gallon Bottles (case of 2)
- 30-Gallon Drum
- 55-Gallon Drum

Transmission Fluid Evacuation Service:

[Bulletin From Filters Manufacturers Council](#) (PDF File 16k)

[ATF and Transmission Filter Change Procedures](#) (45k PDF)

[AMSOIL Transmission fluid recommendations for Cars and Light Duty Trucks](#)

PRODUCT DESCRIPTION

AMSOIL Synthetic Automatic Transmission Fluid (ATF) exceeds the performance requirements for domestic and foreign automatic transmission fluid applications. AMSOIL ATF provides automatic transmissions, power steering units and hydraulic equipment with excellent lubricating protection and better performance over a wider temperature range than conventional automatic transmission fluids.

Resists Oxidation and Thermal Degradation

AMSOIL ATF resists thermal and oxidative degradation better than conventional transmission fluids, protecting clutches, planetary gears, valves, pumps and seals from damaging sludge and varnish deposits. AMSOIL ATF helps prevent component overheating and ensures cooler, smoother transmission operation.

Provides Low Temperature Protection

AMSOIL ATF outperforms petroleum fluids in low temperature fluidity. In fact, AMSOIL ATF offers twice the cold temperature fluidity required by current automatic transmission fluid specifications. AMSOIL ATF provides easier starting, faster warm-ups, smoother shifting and improved fuel economy.

Antiwear Protection

AMSOIL ATF provides smooth shifting and long, trouble-free transmission life. In addition, the antiwear additive package makes AMSOIL ATF an excellent lubricant in other hydraulic systems. In tests designed to measure wear characteristics under severe service and high pressure operating conditions, AMSOIL ATF far exceeds the requirements of hydraulic equipment manufacturers.

Extends Drain Intervals

AMSOIL ATF is a stable formulation that lasts longer in service than conventional ATFs. It maintains its viscosity, friction and lubricating properties for extended

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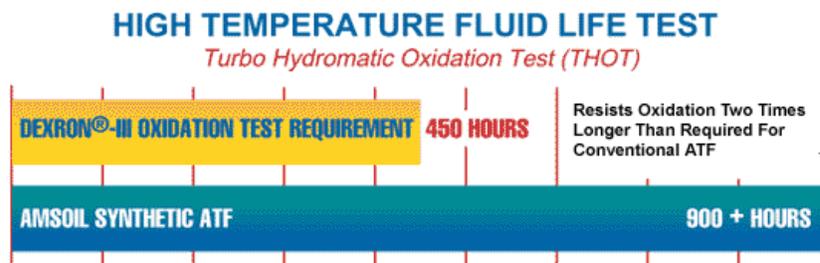
[Online Product Application Guide](#)



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periods of time, even under severe conditions. AMSOIL ATF maximizes transmission performance and service life while reducing maintenance costs through longer drain intervals.



APPLICATIONS

AMSOIL Synthetic Universal Automatic Transmission Fluid is completely compatible with other synthetic and petroleum automatic transmission fluids. AMSOIL ATF is a universal, multi-functional fluid that greatly reduces the need for specialized fluid inventories and the possibilities of misapplication. AMSOIL ATF is recommended for transmission, hydraulic and other applications requiring any of the following specifications:

- GM DEXRON® II & III
- Ford MERCON®, MERCON® V
- Chrysler ATF+ through ATF+4®
- Honda Z-1 (**Not for use in CVT transmissions**)
- Toyota Type T and T-IV
- Mitsubishi/Hyundai Diamond SP II & III
- Allison C-3, C-4
- Caterpillar TO-2
- Voith G607, G1363
- ZF TE-ML 14A, 14B & 14C
- Mercedes Benz 236.1, 236.2, 236.6, 236.7, 236.9
- BMW 7045E
- JWS 3309
- LT 71141 (ESSO)
- Nissan Matic D
- Vickers I-286S & M-2950S

Excellent for power steering units that use ATF.

Not for use in CVT transmissions.

SERVICE LIFE

AMSOIL Synthetic Automatic Transmission Fluid is recommended for use up to 60,000 miles under severe service* and up to 100,000 miles under normal service* or according to the vehicle manufacturer recommended intervals, whichever is longer. AMSOIL recommends thoroughly draining the transmission and flushing with new AMSOIL ATF to achieve a minimum 90% purity of new transmission fluid. Drain intervals may be extended further with oil analysis.

* As defined by the vehicle or transmission manufacturer.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Material Safety Data Sheet (MSDS). MSDS's are available upon request at 715-392-7101 or [on our website](#). **Keep Out of Reach of Children.** Don't pollute. Return used oil to collection centers.

TYPICAL TECHNICAL PROPERTIES
Revised as of 9/06

AMSOIL Synthetic Universal Automatic Transmission Fluid (ATF)	
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	7.5
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	37.4
Viscosity Index (ASTM D-2270)	172
Noack Volatility, % weight loss (ASTM D-5800)	10.1
Flash Point °C (°F) (ASTM D-92)	224 (435)
Pour Point °C (°F) (ASTM D-97)	-52 (-61)
Four Ball Wear Test, Scar in mm; 40 kg, 75°C, 1200 rpm, 1 hr (ASTM D-4172B)	0.40
Brookfield Viscosity (cP)	-20°C = 1342
Brookfield Viscosity (cP)	-40°C = 9621



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