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Synthetic Universal Automatic Transmission Fluid For outstanding performance in transmissions, power steering and hydraulic applications.

See Pricing Information or Place an Order

Package sizes include:

1-Ouart 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)

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

ATF and Transmission Filter Change Procedures (45k PDF)

http://web.archive.org/web/20060101133542/http://www.amsoil.com/storefront/atf.aspx

## HIGH TEMPERATURE FLUID LIFE TEST

Turbo Hydromatic Oxidation Test (THOT)



## **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, 236.6, 236.7, 236.9
- BMW 7045E
- JWS 3309
- 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.

# 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	
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

<sup>\*</sup> As defined by the vehicle or transmission manufacturer.

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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