



The First in Synthetics®

**For Outstanding Performance in
Transmissions, Power Steering and
Hydraulic Applications**

100% SYNTHETIC AUTOMATIC TRANSMISSION FLUID

AMSOIL ATF is formulated to meet or exceed the following performance specifications:

- GM; Dexron II, Dexron III • Ford Mercon, Mercon V
- Chrysler; ATF+ thru ATF +4 • Allison; C-3, C-4
- Caterpillar; TO-2, TO-3 • Voith Commercial
- Mitsubishi Diamond SP II and III
- Vickers I 286S and M2950S • ZF; TE-ML14B
- Toyota; TypeT, T-IV • Hyundai; SP-II, SP-III
- Honda; Z-1

Use where ATF is recommended in Mobile or Stationary Hydraulic and Power Steering units.

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 do conventional petroleum fluids.

Resists Oxidation and Thermal Degradation

AMSOIL ATF resists thermal and oxidative degradation up to three times longer than conventional transmission fluids. It protects 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 three times 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.

Extended Drain Intervals

AMSOIL ATF is formulated for extended drain intervals. Transmissions usually operate under severe service conditions. They are subjected to extensive idling, frequent short trips, cold-temperature driving, sustained hot-weather driving or trailer towing. When conventional transmission fluid is used, it should be changed every 15,000 to 30,000 miles. AMSOIL ATF should be changed at intervals up to three times longer than the recommendations of the vehicle manufacturer.

HIGH TEMPERATURE FLUID LIFE TESTS

Tests Used Are GM'S THOT and Ford's ABOT Measuring TAN Increase



TYPICAL TECHNICAL PROPERTIES

AMSOIL 100% Synthetic Automatic Transmission Fluid (ATF)

	ATF
Kinematic Viscosity @ 100°C, cST (ASTM D-445).....	7.5
Kinematic Viscosity @ 40°C, cST (ASTM D-445).....	36.0
Viscosity Index (ASTM D-2270).....	182
Noack Volatility, % weight loss (DIN 51581).....	10.8
Flash Point, °C (°F) (ASTM D-92).....	222 (432)
Pour Point, °C (°F) (ASTM D-97).....	-56 (-69)
Four-Ball Wear Test, Scar in mm; 40 kg, 75° C, 1200 rpm, 1 hr (ASTM D-4172B).....	0.40
Brookfield Visc (CP).....	-10°C = 465
.....	-20°C = 1030
.....	-30°C = 2505
.....	-40°C = 7150

APPLICATIONS

AMSOIL 100% Synthetic Automatic Transmission Fluid is completely compatible with other synthetic and petroleum automatic transmission fluids. AMSOIL ATF is a universal, multi-functional fluid and greatly reduces the need for specialized fluid inventories and the possibilities of misapplication.

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SERVICE LIFE

AMSOIL ATF has an expected fluid life of up to three times the vehicle manufacturer's recommendations. Drain intervals may be extended indefinitely when fluid analysis is used.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

