



The First in Synthetics®

100% Synthetic Automatic Transmission Fluid

For Outstanding Performance in Transmissions, Power Steering and Hydraulic Applications

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 up to three times longer 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 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.

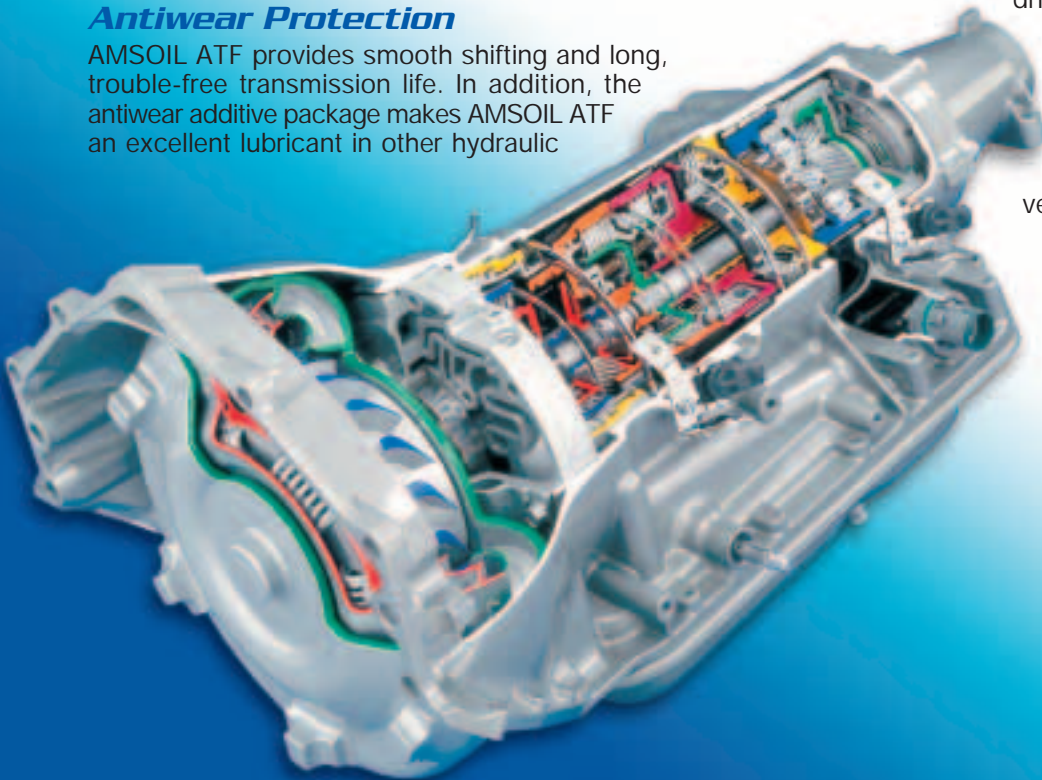
Antiwear Protection

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 and 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.



TYPICAL TECHNICAL PROPERTIES

AMSOIL 100% Synthetic Automatic Transmission Fluid (ATF)

Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	7.7
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	36.8
Viscosity Index (ASTM D-2270)	182
Noack Volatility, % weight loss (ASTM D-5800)	10.6
Flash Point, °C (°F) (ASTM D-92)	218 (424)
Pour Point, °C (°F) (ASTM D-97)	-55 (-67)
Four Ball Wear Test, Scar in mm; 40 kg, 75°C, 1200 rpm, 1 hr (ASTM D-4172B)	0.40
Brookfield Visc (cP)	-20°C = 1092 -40°C = 7454

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.

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; Type T, T-IV
- Hyundai; SP-II, SP-III
- Honda; Z-1

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

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.

