



Date: 09/19/2005
Revision: 08/27/2007

Technical Service Bulletin

Product Description: **AMSOIL Synthetic Universal Automatic Transmission Fluid (ATF)**

Subject: **AMSOIL Synthetic Universal Automatic Transmission Fluid Applications Guide**

OBJECTIVE:

Define AMSOIL Synthetic Universal Automatic Transmission Fluid (ATF) recommended specifications and competitive products which can be replaced.

ISSUES:

Many automotive manufacturers are specifying fluids for their automatic transmissions. The wide variety of fluids creates concern with consumers and AMSOIL dealers in recommending the right product for the application. Based on research and testing results, AMSOIL (ATF) can be confidently recommended and utilized in the applications listed in this guide.

TECHNICAL DISCUSSION:

Automatic transmissions are becoming more complicated and are manufactured to work with the right transmission fluid. Many require specific frictional and viscosity characteristics to work as designed. AMSOIL (ATF) is formulated to meet and exceed many of the specifications which include OEM manufacturer specifications, manufacturer recommended oils and manufacturer part numbers.

RECOMMENDATION:

AMSOIL (ATF) is a fully synthetic transmission fluid designed to meet many domestic and foreign automatic transmission requirements. These applications include automotive, heavy-duty on and off road, hydraulic, and power steering. The following lists contains all of the recommended AMSOIL (ATF) specifications and fluids which can be re-

placed with AMSOIL (ATF)

Automotive:

- GM DEXRON II and III
- GM Part# 12346143 or 123478470
- GM DEXRON VI
- GM Part# 88861003
- Ford MERCON
- Ford Part# XT-2-QDX
- Ford MERCON V
- Ford Part# XT-5-QM
- Ford MERCON SP
- Ford Part# XT-6-QSP
- Chrysler ATF+ thru ATF+4
- Honda ATF-Z1 (not for use in CVT transmissions)
- Honda Part# 08200-9001
- Toyota Type T & T-IV
- Mitsubishi/Hyundai DIAMOND SP II & SP III
- Mercedes Benz 236.1, 236.6, 236.7 & 236.9
- Mercedes Benz Part# 001 989 21 03 10
- BMW Part# 83 22 9 407 765
- BMW Part# 83 22 0 026 922
- NAG 1 & 2
- MAZDA ATF M-V
- Nissan Matic D, J & K
- Nissan Part# 999MP-MTJ00P & 999MP-MTK00P
- JWS 3309
- Porsche Part# 000 043 204 41
- Shell LA 2634 & 3403
- Texaco ETL 7045E
- LT 71141 (ESSO)
- VW/Audi part #G 052 162 (-A1, -A2)

Heavy-Duty on and off road:

- ALLISON C-3, C-4
- CATERPILLAR TO-2
- VOITH G 607 & G 1363
- ZF TE-ML14A, B and C

Hydraulic:

- VICKERS I-286S and M-2950S

Power steering:

- DEXRON

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- MERCON
- ATF+4

AMSOIL (ATF) is recommended for many applications but it does not meet the requirements of the following specifications which have significantly different frictional or viscosity requirements.

AMSOIL ATF is not recommended to replace the following oils:

- GM AUTO TRAK II (Part #12378508)
- HONDA CVT
- LAND ROVER TEXACO N402
- NISSAN CVT FLUID NS-2 (Part #999MP-NS200P)
- Volvo Part# 1161540-8
- Not for use in CVT transmissions

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