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AMSOIL Regulatory Compliance

DATA BULLETIN

OE Synthetic Automatic Transmission Fluid



Modern automatic transmissions are more complicated than their predecessors. Today's designs feature more gears, clutch packs and narrow oil passageways that require a steady supply of high-quality fluid. Without it, wear and sludge formation can lead to reduced performance and even failure, requiring thousands of dollars in repairs. AMSOIL OE Synthetic Automatic Transmission Fluid provides passenger-car/light-truck transmissions excellent wear protection, sludge resistance and extreme-temperature performance throughout original equipment manufacturer (OEM)-recommended drain intervals.

- Protects against wear
- Resists harmful sludge
- Excellent cold-weather performance
- Guards against leaks
- Promotes smooth, shudder-free shifts

Outstanding Wear Protection

AMSOIL OE Synthetic ATF is durable. In normal and severe service, it resists wear to the transmission's valve body, gears, clutch plates and other vital parts, helping today's complex and demanding transmissions achieve long life.

Resists Varnish

In elevated heat, AMSOIL OE Synthetic ATF's thermally stable formulation guards against the harmful effects of thermal breakdown. It resists the formation of varnish that can stick valves, threatening transmission performance and life. OE Synthetic ATF also resists heat-related evaporation and viscosity loss to help components stay clean and remain protected.

Reliable Cold-Weather Performance

AMSOIL OE Synthetic ATF remains fluid in sub-zero temperatures. It resists thickening and flows quickly for fast, reliable shifts during cold starts. Its excellent low-temperature fluidity also maximizes fuel efficiency.

Excellent Leak Protection

Formulated with seal conditioners, AMSOIL OE Synthetic ATF helps prevent seals and gaskets from drying out and cracking, reducing the risk of fluid leaks.

Promotes Smooth, Shudder-Free Shifts

AMSOIL OE Synthetic ATF is formulated with friction modifiers that promote fast, smooth clutch engagement. As a result, drivers experience fast shift response and torque transfer for maximum drivability.



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TYPICAL TECHNICAL PROPERTIES

AMSOIL OE Multi-Vehicle Synthetic Automatic Transmission Fluid (OTF)
AMSOIL OE Fuel-Efficient Synthetic Automatic Transmission Fluid (OTL)

	OTF	OTL
Kinematic Viscosity @ 100˚C, cSt (ASTM D445)	7.5	5.8
Kinematic Viscosity @ 40˚C, cSt (ASTM D445)	36.5	28.3
Viscosity Index (ASTM D2270)	180	155
Pour Point ˚C (˚F) (ASTM D97)	-46 (-51)	-48 (-54)
Flash Point ˚C (˚F) (ASTM D92)	208 (406)	210 (410)
Brookfield Viscosity @ -40˚C, cP (ASTM D2983)	12245	10864

APPLICATIONS

AMSOIL OE Multi-Vehicle Synthetic Automatic Transmission Fluid is recommended for transmissions and other applications that require any of the following specifications:

Allison C-4, TES-389; **BMW** 7045E, 8072B, LA 2634, LT 71141; **Chrysler** Mopar* ASRC, 68089195AA, 68049954AA; **Ford** MERCON*, MERCON* V, ESP-M2C166-H, FNR5, M2C924-A, XL-12; GM DEXRON* III, DEXRON* II, AutoTrak II; **Honda/Acura** ATF-Z1; **Hyundai/Kia** SP-II , SP-III, Red-1; **IDEMITSU** K17; **JASO** 1A; **JWS** 3309, 3314, 3317; **MAN** 339 Type V-1, 339 Type V-2, 339 Type Z-1, 339 Type Z-2, 339F; **Mazda** ATF-M III, ATFMV, F-1; **Mercedes Benz** 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.9, 236.10, 236.11, 236.81, 236.91; **Mitsubishi** SP-II , SP-III, ATF-J2; **Nissan** Matic-D, Matic-J, Matic-K, 402; **SAAB** 3309; **Shell** 3403, LA 2634; **Subaru** ATF, ATF-HP; **Suzuki** 3314, 3317; **Texaco** ETL-7045E, ETL-8072B, N402; **Toyota** Type T, T-II,T-III,T-IV; **Voith** 55.6335, 55.6336; **Volvo** 97340, 97341; **VW/Audi** G 052 162, G 052 990, G 055 025; **ZF** TE-ML 03D, 04D, 05L, 09, 11A, 11B, 14A, 14B, 16L, 17C, 20B, 21L.

Note: *Not for use with CVT or Ford Type F applications.*

AMSOIL warrants the use of this product for **Chrysler** ATF+4® applications above -38°F. Product does not meet the cold temperature requirement of ATF+4 at -40°F. For warranty information, visit www.amsoil.com/warranty.aspx.

AMSOIL OE Fuel-Efficient Synthetic Automatic Transmission Fluid is recommended for transmissions and other applications that require any of the following specifications:

Aisin-Warner AW-1; **BMW** 83 22 0 142 516, 83 22 2 152 426; **Chrylser** MOPAR* 68157995AA, SP-IV, 68218925AB; **DSIH** 6p805; **Ford** MERCON* LV; GM DEXRON* VI; **Honda/Acura** DW-1*, Type 3.0; **Hyundai/Kia** SP-IV, SPH-IV, SP-IV-RR, NWS-9638, SP4-M; **JASO** 1A-LV; **JWS** 3324; **Mercedes Benz** 236.12, 236.14, 236.15, 236.41; **Mitsubishi** SP-IV, ATF J3, ATF-PA, ATF-MA1; **Nissan** Matic-S, Matic-W; **SAAB** 93 165 147; **Shell** M-1375.4, M-1375.5, M-1375.6, M-L12108; **Toyota** WS; **Volvo** 31256774; **VW/Audi** G 055 005, G 055 162, G 060 162; **ZF** S671 090 255.

Note: *Not for use with CVT applications.*

SERVICE LIFE

AMSOIL OE Synthetic Automatic Transmission Fluid should be changed according to your vehicle manufacturer's recommendations.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.**

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