



# SYNPRO ATF

## (Synthetic ATF Fluid)

**SYNPRO ATF** is a super-premium quality, synthetic automatic transmission fluid. It is suitable for use in a wide array of automatic transmissions.

**SYNPRO ATF** contains synthetic base stocks and unusual additives. Unlike other automatic transmission fluids, it is designed for use in continuous variable transmissions (CVTs), 5 speed and 6 speed automatic transmissions as well as conventional automatic transmissions.

**SYNPRO ATF** has extended drain intervals due to its superior oxidation stability, deposit control and shear stability. It has excellent resistance to rust, corrosion and foaming. **SYNPRO ATF** contains a shear stable VI improver along with friction-modifying additives that allow transmissions to shift smoothly, yet attain a positive lockup. **SYNPRO ATF** is specially formulated to eliminate shudder often encountered in transmissions with continuously slipping torque converter clutches.

**SYNPRO ATF** can be used in 5 or 6 speed automatic transmissions. It may also be used in Allison transmissions calling for Allison TES 295 Fluid.

### BENEFITS:

- SUITABLE FOR AUTOMATIC & CONTINUOUSLY VARIABLE SPEED (CVT) TRANSMISSIONS
- BETTER COLD & HIGH-TEMPERATURE PROPERTIES THAN CONVENTIONAL ATF
- LONGER SERVICE LIFE THAN CONVENTIONAL ATF

### APPLICATIONS:

**SYNPRO ATF** is recommended for most automatic transmissions manufactured in Europe, North America or Asia.

It is also recommended for most continuously variable transmissions (CVTs). **SYNPRO ATF** is suitable for use in multiple vehicles for both CVTs and automatic transmissions. It is an ideal fluid for transmission shops.

A Suitability Guide for Vehicles is attached.

## TYPICAL CHARACTERISTICS

Product Code	40410
API Gravity (ASTM D-1298) (lbs/gal)	34.9 (7.08 lbs/gal)
Color	Red
Viscosity (ASTM D-445):	
cPs @ -40°C	13,000 max
cSt @ 40°C	32.9
cSt @ 100°C	7.2
Viscosity Index (ASTM D-2270)	180
Pour Point (ASTM D-97) °F (°C)	-46 (-51)
Flash Point (ASTM D-92) °F (°C)	374 (190)

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
11/13/2006



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### GUIDELINES AND NOTES:

Development of efficient transmissions by automakers for a variety of vehicles has resulted in a multitude of original equipment manufacturers (OEM) designer fluids for automatic transmissions and CVTs. We are offering our “top of the line fluid”, **FINA SYNPRO ATF**, that meets vehicle manufacturers ATF requirements and is backed by our warranty.

LUBRICANTS USA supports the use of **FINA SYNPRO ATF** in a large number of automatic transmissions that are listed below. This fluid has been evaluated in transmissions and we can offer this synthetic fluid as a service fill equivalent for many of these restricted “genuine oils”.

In all cases the owner’s manual is the final authority and should be consulted whenever there is doubt about the suitability fluid for any of the vehicles listed below, especially for models after 2004. **FINA SYNPRO ATF** is suitable for most transmissions except where noted on the attached Suitability Guide for Vehicles. The newest automatic transmissions may have special fluid requirements especially with design changes in 2004, 2005 or 2006.

This fluid is also suitable for use in Continuous Variable Transmissions (CVTs)!! CVTs can vary in design and use belts or chains in the transmission. Friction is an important parameter in the transmission design, just as it is with conventional automatic transmissions. **FINA SYNPRO ATF** has a special friction additive, which makes it suitable replacement for ATF as well as the following CVT fluids:

- Acura or Honda (Honda CVT Fluid)
- Audi (CVT Transmission fluid)
- Nissan (genuine Nissan CVT fluid)
- Saturn (Dex-CVT)

Note that the fluid viscosity for genuine fluids or licensed fluids may or may not differ from **FINA SYNPRO ATF** in viscosity at operating temperature. **SYNPRO ATF** has a typical viscosity (7.2 cSt at 100C) that meets Dexron<sup>®</sup> III and Mercon<sup>®</sup> viscosity requirements. Furthermore its viscosity at 100 C is in between Mercon<sup>®</sup> SP (5.5 to 6.0 cSt) or Dexron<sup>®</sup> VI (6.0 cSt typical, 6.8 maximum) and Allison TES 295 (7.6 cSt). It contains a shear stable VI improver and hence remains in grade during its life, unlike Dexron<sup>®</sup> III-H or Mercon<sup>®</sup>. In this regard it is like genuine ATF fluids such as TES 295 fluid or Chrysler ATF+3<sup>®</sup> or +4<sup>®</sup> that contain shear stable polymers.



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## SUITABILITY GUIDE FOR VEHICLES\*

Allison—C-3 fluid, C-4 fluid, TES 295 fluid  
Alpha Romero  
American Motors  
Audi -- ZF Specs (5HP19FL, FLA, 5HP-24A).  
BMW -- ZF Specs, (5HP18FL, 5HP30, 5HP24)  
Caterpillar-- TO-2  
Chrysler-- ATF+3<sup>®</sup> or ATF+4<sup>®</sup>  
Chrysler—except 2004 Crossfire (may not be suitable—requires Shell 3403 ATF)  
Daewoo  
Dexron<sup>®</sup>, Dexron<sup>®</sup> II and Dexron<sup>®</sup> III  
DIWA  
Esso--LT 71141\*\*  
Fiat  
Ford or Ford Trucks--Mercon<sup>®</sup>, Ford Mercon<sup>®</sup> V, Ford Type F  
Ford Specs M2C-33 (all), M2C-138 CJ, M2C-166-H  
Geo  
Hyundai  
Honda-- ATF-Z1  
Infiniti  
Isuzu  
Jaguar-- ZF spec (5HP24).  
Jeep  
KIA  
Lexus  
Mazda  
MAN 339F  
Mercedes Benz-- specs 236.3 (PSF), 236.5 (C-4), 236.7, 236.8, 236.81, 236.9, 236.11  
and ZF spec 4HP20  
Mini (may not be suitable)  
Mitsubishi-- Diamond SP-II or SP-III  
Nissan-- Matic D, Matic J, Matic K  
Opel  
Peugeot-- ZF Spec 4HP20. (Others may not be suitable)  
Porsche-- ZF Spec 5HP19FL  
Renault  
Saab (Check manual for recent models)  
Saturn  
Shell --LA 2634\*\* (BMW).  
Shell—LA 3403 (not suitable)  
Subaru  
Toyota--Type T, T-III or T-IV  
Volkswagen-- FLA, ZF spec 5HP19FL, TL 521-62,  
Voith—G-607, ZF spec TEML 11/14 Commercial, Ecomat & torque converter transmissions  
Volvo—ZF spec TLML 09/11

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\* ZF has multiple specifications for transmission fluids.

\*\* Unique factory fill fluids here are identified by factory fill oil vendors such as Shell or Esso.