



Conoco Syncon® High Performance ATF

Conoco Syncon® High Performance ATF is a full synthetic heavy-duty automatic transmission fluid designed for use in truck and bus transmissions operating in extended drain or severe service. It has been specially formulated to meet the performance requirements of the Allison TES-295 specification for severe duty and extended drain intervals. It has excellent shear stability to protect against viscosity breakdown, high load-carrying ability to protect against wear, excellent oxidation stability to help minimize the formation of sludge and varnish, and excellent friction durability to ensure smooth shifting and proper transmission performance for the life of the fluid. It also has outstanding low-temperature fluidity for year-round use and protects against rust and corrosion.

Syncon® High Performance ATF can provide extended drains up to four times the normal interval for a conventional all-mineral automatic transmission fluid. It was field-tested for over 100,000 miles in a fleet of city transit buses operating in severe stop-and-go service. It provided outstanding protection against wear, glazing, sludge and deposit formation, while maintaining excellent shift quality throughout the duration of the test.

Applications

Syncon® High Performance ATF is recommended for service fill in Allison, Voith, ZF and other heavy-duty automatic transmissions, where an Allison C-4, Allison TES-295 or GM DEXRON®-III fluid is specified. It is particularly recommended for use in extended drain or severe-duty applications, such as intracity transit bus fleets, intercity tour coaches, school bus fleets, emergency vehicles, recreational vehicles, refuse fleets and commercial utility vehicles.

Syncon® High Performance ATF meets or exceeds the requirements of:

- Allison C-4, TES-295
- Caterpillar TO-2 (obsolete)
- GM DEXRON®-III, DEXRON®-II
- Voith DIWA Transmissions
- ZF Ecomat Transmissions

**Full Synthetic
Heavy-Duty,
Extended Drain
Automatic
Transmission Fluid**

**U.S. Technical
Services Hot line:
1-800-255-9556**

**U.S. Customer
Service:
1-800-640-1956**

**International:
+1-832-486-3363**

**Asia-Pacific:
tel: (65) 6536-0010
fax: (65) 6536-0012**

**E-mail address:
*conocolubricants@
conocophilips.com***

www.lubes.conoco.com

600 N. Dairy Ashford • 2W9000 • Houston, TX 77079



Outstanding Features

- Excellent friction durability for long service life and smooth shifting
- Outstanding thermal stability and oxidation resistance for long fluid life
- Outstanding low-temperature fluidity
- Excellent shear stability
- Excellent wear protection
- Minimizes sludge and varnish deposits
- Excellent rust and corrosion protection
- Good seal compatibility

Syncon® High Performance ATF Typical Properties

Density, g/cm ³ @ 15.6°C (60°F)	0.845
Color, Visual	Red
Flash Point (COC), °C (°F)	230 (446)
Pour Point, °C (°F)	-55 (-67)
Viscosity,	
cP @ -40°C (Brookfield)	7,000
cSt @ 40°C	34.0
cSt @ 100°C	7.4
SUS @ 100°F	172
SUS @ 210°F	50.9
Viscosity Index	190
Zinc, wt %	<0.003

Due to continual product research and development, the information contained herein is subject to change without notification.

Copyright © ConocoPhillips Company. The ConocoPhillips logo, Conoco, and the Conoco logo are registered trademarks of ConocoPhillips Company in the U.S.A. and other countries.