



76 Triton® Heavy Duty ATF

76 Lubricants Triton Heavy Duty ATF is a full-synthetic, heavy-duty automatic transmission fluid designed for use in truck and bus transmissions operating under severe service conditions or in extended drain intervals. It is specially formulated to meet the performance requirements of the Allison TES-295 specification for extended drain use in severe-duty applications. It has excellent shear stability and high load-carrying ability to protect against viscosity breakdown and wear, excellent oxidation resistance and thermal stability to 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 properties for year-round use, and protects against rust and corrosion.

Triton Heavy Duty 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. During this test, it provided outstanding protection against wear, glazing and sludge and deposit formation, while maintaining excellent shift quality throughout the duration of the field test.

Applications

Triton Heavy Duty ATF is recommended for service fill in Allison, Voith, ZF and other heavy-duty automatic transmissions where an Allison C-4 or Allison TES-295 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.

Triton Heavy Duty ATF meets or exceeds the requirements of:

- Allison C-4, TES-295
- GM automatic transmissions (except those that require DEXRON®-VI)
- Voith DIWA Transmissions
- ZF Ecomat Transmissions

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

**Customer Service
Number:
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Features/Benefits

- Excellent friction durability for smooth shifting throughout the service interval
- Outstanding oxidation resistance and thermal stability for long fluid life
- Protects against sludge and varnish formation
- Protects against wear
- High shear stability
- Protects against rust and corrosion
- Outstanding low-temperature properties for easier shifting in cold weather
- Good seal compatibility
- Good foam resistance

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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

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

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

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