



## Triton Synthetic Transoil 50

Triton Synthetic Transoil 50 is a full-synthetic SAE 50 transmission lubricant designed for use in heavy-duty truck and bus manual transmissions operating in extreme temperatures and/or extended service intervals. It combines improved low-temperature properties with outstanding oxidation resistance and thermal stability at high temperatures to provide excellent all-weather, year-round performance. It has excellent shear stability and antiwear properties to protect synchronizers, reduce component wear and promote longer transmission life. It is particularly recommended for use in newer, higher-torque manual transmissions coupled with increased horsepower engines. It is fully approved for extended drain service in Eaton Roadranger® transmissions.

### **Applications**

Triton Synthetic Transoil 50 is recommended for use in ArvinMeritor, Dana Spicer, Eaton Fuller International, Mack and other heavy-duty manual transmissions that require a non-EP gear oil (API GL-1/MT-1) or a MIL-L-2104D (API CD) quality engine oil. It is approved for 500,000-mile drain intervals in Eaton transmissions under the Eaton Roadranger® PS-164 Rev 7 specification.

Triton Synthetic Transoil 50 meets or exceeds the requirements of:

- API Service GL-1, MT-1
- ArvinMeritor O-81
- Dana Spicer Transmissions
- Eaton Fuller Transmissions
- Eaton Roadranger® E500™ (PS-164 Rev 7)
- International TMS 6816
- Mack TO-A Plus
- MIL-L-2104D
- ZF Freedomline Transmissions

### **Features/Benefits**

- Extended drain, all-season performance
- Outstanding oxidation resistance and thermal stability to minimize sludge and varnish formation
- Excellent low-temperature properties for easier shifting in cold weather
- High shear stability
- High load-carrying capacity
- Protects against component wear and gear micropitting

**Premium Full-Synthetic SAE 50 Manual Transmission Fluid, API GL-1/MT-1**

### **Contact Information**

**U.S. Customer Service:**  
**1-800-822-6457**

**U.S. Technical Services Hot line:**  
**1-800-766-0050**

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

**E-mail address:**  
**lubricants@conocophillips.com**

<http://lubricants.conocophillips.com>

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



- Protects against rust and corrosion
- Good foam resistance
- Excellent seal compatibility
- Potential fuel economy benefits compared to non-synthetic transmission fluids

### Triton Synthetic Transoil 50

#### Typical Properties

SAE Grade	50
Density, g/cm <sup>3</sup> @ 15.6°C (60°F)	0.860
Color, Visual	Amber
Flash Point (COC), °C (°F)	221 (430)
Pour Point, °C (°F)	< -45 (< -49)
Viscosity,	
cP @ -40°C (Brookfield)	104,000
cSt @ 40°C	132
cSt @ 100°C	17.5
SUS @ 100°F	679
SUS @ 210°F	90.0
Viscosity Index	146

#### 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.

---

Copyright © 2006 ConocoPhillips Company. The ConocoPhillips logo, Conoco, the Conoco logo, Phillips 66, the Phillips 66 logo, 76 and the 76 logo are trademarks of ConocoPhillips Company in the U.S.A. and other countries.