

# TRANSMISSION SYN SAE 50



## Eaton/Meritor approved fuel economy transmission oil

### APPLICATIONS

#### Types of service

- **TRANSMISSION SYN SAE 50** is a specially formulated synthetic lubricant designed for extended drain and severe service in heavy duty manual transmissions which require a non EP gear or transmission lubricant. It is specially formulated to protect the higher torque manual transmissions coupled with the increased horsepower engines.

### PERFORMANCE

#### Specifications

- API MT-1
- Eaton Approved PS 164 REV 7
- International TMS-6816
- Mack TO-A PLUS
- Meritor Automotive/Rockwell International 0-81
- Navistar TMS 6816
- ZF Freedomline (pending)

### CUSTOMER BENEFITS

#### Extended drain service

#### High technical performance

- Extended drain intervals (500,000 miles)
- Extended warranty coverage at Eaton and Meritor
- All climate year around performance
- Potential for fuel economy
- Oxidation, rust and corrosion inhibited and foam resistant

### CHARACTERISTICS

TYPICAL PROPERTIES TRANSMISSION SYN SAE 50	
Specific gravity at 60/60 °F (lbs./gal.) ASTM D 1298	0.860 (7.16)
Viscosity @ 40 °C, cSt ASTM D-445	132
Viscosity @ 100 °C, cSt ASTM D-445	17.5
Viscosity index ASTM D-2270	146
Flash point, °F (°C) ASTM D-92	430 (221)
Brookfield viscosity, cps ASTM D-2983	104,000 @ -40°C
Pour Point °F (°C) ASTM D-97	-49 (-45)
Canadian Channel point °F (°C) FTMS 3456	<-50 (-46)

TOTAL Lubricants USA Southwest

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**Transmission SYN SAE 50**  
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