

# SYN TRANS 50

## Synthetic Manual Transmission Oil



### Features & Benefits

- Full Synthetic
- Extended drain intervals up to 500,000 miles
- Extreme protection
- Excellent stability
- Exceptional low fluidity properties
- Improved fuel efficiency
- Excellent resistance to foam formation

### Specifications

✓ Meets Requirements    ◆ Recommend for

Specifications	SYN TRANS 50
API MT-1	✓
API GL-4	✓
Mack TO-A Plus	◆
Eaton Transmission PS-164 <sup>1</sup>	◆
Dana Transmissions	◆
Meritor 0-81	◆
Navistar/International TMS 6816	◆
Volvo 97305, 97307, 97315, 97318, 97319	◆
ZF Freedomline	◆

<sup>1</sup> Not to be used in Eaton applications requiring PS-386

### Typical Results

Test Method	SYN TRANS 50
SAE GRADE	50
DENSITY @ 15°C (D4052), (kg/L)	0.88
VISCOSITY (D445) cSt @ 40 °C cSt @ 100 °C	140.0 17.6
VISCOSITY INDEX (D2270)	146
POUR POINT (D97), (°C)	-45
FLASH POINT (D92), (°C)	235
FOAM SEQUENCE I, II, III (D892)	Pass

**SYN TRANS 50** is a full synthetic heavy-duty SAE 50 manual transmission oil formulated for transmissions and gear cases of off-warranty vehicles, where API GL-1 through GL-4 is recommended.

**SYN TRANS 50** uses synthetic base oil for excellent stability, long life, extreme temperature operation, improved fuel economy, reduced wear and cleaner components.

**SYN TRANS 50** has a wider operating temperature range than its conventional-based counterparts. At low temperatures, **SYN TRANS 50** delivers effortless shifting with less drag and minimizes potential gear wear while lubricating vital transmission parts quickly. This oil provides a thicker protective oil film at high temperatures than mineral oil lubricants, reducing friction and wear.

**SYN TRANS 50 IS NOT APPROVED FOR USE AS ENGINE OIL.**

### Size & Order Codes

Size	SYN TRANS 50
18.9 L / 5 US Gal Pail	F0086040
60 L / 15.8 US Gal Keg	F0020245

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1.800.574.5823