



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 ■ Suitable for use

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

¹ 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.

Sizes & order codes

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

Always consult your owner's manual for verification of fluid type and grade.
Check with sales associate for the latest product approvals and acceptable performance data.
Please note these are typical performance indicators and can change without notice.
This data sheet replaces previous versions prior to December 22, 2024.
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