



## PRODUCT DATA SHEET

# SYNX-50

SYNX-50 is a premium transmission fluid formulated with 100% PAO & Ester base oil with advanced additive technology for extended drain and severe service in heavy duty manual transmissions requiring a non-EP transmission fluid. SYNX-50 is designed for heavy duty transmission applications that specify an SAE 50 type fluid for Eaton (Road Ranger), Mack, Volvo, Dana and many other transmissions operating in severe service conditions. It can also be used in standard 6, 7 & 8 speed transmissions that call for a non-EP fluid in severe duty conditions requiring extended drain intervals. SYNX-50 will provide significantly better performance and protection than conventional mineral oils or previous generation synthetic fluids due to enhanced additive technology which also provides better load carrying durability and excellent high temperature stability improving transmission service life.

SYNX-50 recommended drain interval for Eaton transmissions in Australia is 400,000kms or 2 years maximum. For off highway or severe operations, the drain interval should be shortened and monitored by oil analysis at least every 100,000kms. Oil analysis will determine the optimum drain interval ensuring the life and protection of your equipment which ends up saving you unnecessary costs and downtime.

### Product Benefits:

- Stable viscosity in temperature extremes
- Better wear protection in all conditions
- Much quieter & smoother transmission
- Lower friction & drag
- Long drain life
- Improved fuel economy
- Superior oxidation & protection of transmission parts
- Guaranteed quality assurance to equipment

### TYPICAL PROPERTIES

Density @ 15°C	0.898
Viscosity @ 40°C (cSt)	123.7
Viscosity @ 100°C (cSt)	17.6
Viscosity Index	158
Open Flash Point (°C)	220
Pour Point (°C)	-45
Appearance	Slight Haze

### PERFORMANCE SPECIFICATIONS

API MT-1  
SAE: Viscosity 50  
Eaton: PS-386, PS-164 Rev 7  
Eaton Extended Drain  
Mack: TO-A Plus  
Meritor 0-81  
International TMS 6816  
ZF Freedomline  
Spicer Transmission Extended Drain  
Dana Synchronized & Non-Synchronized

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