



# Lotus Lubes™ Hyper SYN Trans CD 50

**PRODUCT DESCRIPTION**

Lotus Lubes™ Hyper SYN Trans CD 50 is a premium, full-synthetic transmission fluid specifically designed for use in heavy-duty manual transmissions in over-the-road trucks, buses and off-road equipment operating under severe conditions, extreme ambient temperatures, and utilizing extended service intervals.

Formulated with proprietary PolyAlphaOlefin (PAO) synthetic base stocks and advanced additive technology, **LOTUS Lubes™ Hyper SYN Trans CD 50** boasts outstanding thermal and oxidation stability to support extended drain intervals as defined by Eaton Roadranger and Dana Transmission 500,000 mile line-haul service.

**LOTUS Lubes™ Hyper SYN Trans CD 50** meets and exceeds the performance requirements of API GL-1/MT-1.

**FEATURE & BENEFITS**

- \* Extended service wear protection for critical transmission components
- \* Excellent frictional properties and low-temp performance for smooth shifting
- \* Maximum protection against transmission varnish and sludge formation
- \* Superior thermal stability and oxidation resistance to support extended service intervals
- \* Optimizes fuel economy when compared to conventional manual transmission fluids
- \* Maximizes manual transmission’s operational life
- \* Formulated with PolyAlphaOlefin (PAO) base stocks for maximum resistance to thermal breakdown
- \* Provides active anti-wear agents to protect critical transmission components, including synchronizers
- \* Delivers maximum resistance to fluid oxidation in severe operating conditions, including stop-and-go driving
- \* Advanced friction modifiers provide smooth shifting performance



**TYPICAL PHYSICAL PROPERTIES**

SAE Viscosity Grade	50
API Service	GL-1/MT-1
API Gravity @ 60° F	31.0
Density, lbs/gal @ 60° F	7.2
Brookfield Viscosity, cP @ -40° C	105,000
Viscosity, cSt @ 40° C	151.0
Viscosity, cSt @ 100° C	19.8
Viscosity Index, ASTM D2270	152
Flash Point, C° (F°)	235 (455)
Pour Point, C° (F°)	-40 (-40)
Minor variations in typical physical properties may occur from normal manufacturing processes	

**APPLICATIONS**

**LOTUS Lubes™ Hyper Syn Trans CD 50** is recommended for the following heavy-duty manual transmission requirements:

- \* **U.S. Military MIL-2104D & MIL-L-46152B**
- \* **Eaton Roadranger (Eaton Fuller) PS-164 (E500), PS-081 (E250) & REV 7**
- \* **Dana Spicer**
- \* **ArvinMeritor O-81**
- \* **International TMS 6816**
- \* **Mack TO-A Plus**
- \* **ZF Freedomline**