

# Super S® SuperSyn™ Premium Trans HD

## Technical Product Information



**Super S SuperSyn™ Premium Trans HD** is a full synthetic, power shift and heavy-duty automatic transmission fluid that incorporates the latest synthetic base fluids and mechanically stable viscosity improvers to provide extended service protection in late model medium and heavy-duty transmissions.

**Super S SuperSyn™ Premium Trans HD** has excellent thermal stability and is designed to extend equipment life and drain intervals while lowering your maintenance and down-time cost.

**Super S SuperSyn™ Premium Trans HD** high viscosity index extends the effective temperature operating range providing unmatched low temperature pumpability making it suitable as a year-round solution in all operating environments. The extremely high frictional stability, excellent viscometric control and durability ensure consistent shifting and power transfer characteristics. This helps provide smooth shifting and helps maintain the fuel-efficient operation of transmissions. Incorporates the latest anti-foam technology to maximize efficiency and fuel economy.

**Super S SuperSyn™ Premium Trans HD** is suitable for use in applications where fluid providing performance capabilities comparable to those of Allison Transmission fluids are specified. Although compatible with most other ATFs, in order to obtain all benefits, it is recommended that the transmission system is properly drained and flushed prior to filling with Premium Trans HD.

### FEATURES/ BENEFITS

- **Extended equipment life** - improved oxidation inhibitors resist formation of deposits to ensure longer fluid life and better performance
- **Thermal and shear stability** - mechanically stable viscosity improver technology to help ensure the viscosity of the oil remains constant over the complete oil drain
- **Enhanced fuel efficiency** - optimized for maximum fuel efficiency
- **Extended drain capable** - drain intervals up to 50,000 miles for severe service and 100,000 miles in specific transmissions
- **Excellent cold temp pumpability** – advanced polymer synthesis techniques provide unmatched cold temperature performance for true all-season protection

### APPLICATIONS

#### **Super S SuperSyn™ Premium Trans HD**

- Vans, school buses
- Buses and Coaches
- Emergency vehicles
- Commercial vehicles and trucks
- Motorhomes
- On/Off-highway vehicles
- Heavy-duty pickup trucks
- Allison C3, C4, & C5

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### APPLICATIONS (cont.)

- CAT- AT-1
- Chrysler 4874464
- Former Dexron®/ Mercon III applications
- Ford Mercon® V (M5060501)
- MB 236.7 & MB 236.9
- JWS 3309
- Voith -H55.6336.XX
- ZF TE-ML14B, 16L, 17C
- MAN 339 Type F
- Volvo 1273.41 / 97340

### SPECIAL HANDLING, NOTICES, OR WARNINGS

***Super S SuperSyn Premium Trans HD Automatic Transmission Fluid is recommended by Smitty's Supply, Inc. for use in applications where the OEM specifies a fluid providing performance capability comparable to the Allison TES 295", TES 389", TES 468", TES 668" specification. Super S is not certified by Allison Transmission under the Allison TES 295", TES 389", TES 468", TES 668" TES 668" specifications.***

### TYPICAL CHARACTERISTICS

Super S Supersyn™ Premium Trans HD	
Properties	Data
Density, lb/gal	7.09
Brookfield, cPa/s	<12,000
Viscosity @40°C, cSt	33.7
Viscosity @100°C, cSt	7.1
Viscosity Index	181
Specific Gravity at 16°C	0.85
Flash Point COC (°C)	212
Pour Point (°C)	-51
Appearance	Clear

Always consult owner's manual for proper viscosity and performance recommendations

### PRODUCT NUMBERS

SUS 227-5	5-gallon pail
SUS 227-55	55-gallon drum
SUS 227 BULK	Bulk

### Super S Lubricants

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