



Super S SuperSyn Transmission Oil-Heavy-Duty

Super S SuperSyn[™] Premium Trans HD is a premium quality heavy-duty universal power shift and automatic transmission fluid suitable for use in transmissions. It is engineered to meet the requirements of the latest model heavy-duty transmissions. Super S SuperSyn[™] Premium Trans HD is the ultimate performance automatic transmission fluid which enables extended service intervals and extended limited warranty. Super S SuperSyn[™] Premium Trans HD remains stable even under severe operating conditions.

FEATURES/ BENEFITS

- Excellent thermal and oxidation stability - **Super S SuperSyn[™] Premium Trans HD** resists formation of deposits to ensure longer fluid life and better fluid performance under severe conditions.
- High viscosity index - **Super S SuperSyn[™] Premium Trans HD** incorporates the latest synthetic base oil technology, providing outstanding high and low temperature performance. The physical characteristics provided by the additive technology and synthetic base oils allows for extremely low temperature fluidity, further protecting the transmission components from premature wear under extreme operating conditions.
- Excellent shear stability, corrosion and foaming resistance - **Super S SuperSyn[™] Premium Trans HD** retains its fluid characteristics even under high loads and shear conditions. The excellent wear protection, shear stability and frictional characteristics of the additive technology provides outstanding oil performance allowing the equipment operator to extend oil drain intervals while maximizing the life of the transmission.
- Compatible with most other automotive transmission fluids and seals - When changing to **Super S SuperSyn[™] Premium Trans HD** it is recommended that the transmission system is appropriately drained and flushed in order to obtain all of the performance benefits that changing to this fluid will provide.
- However, **Super S SuperSyn[™] Premium Trans HD** is compatible with most other transmission fluids and seals.
- One fluid for year-round use in all geographic locations

Oil Drain Interval Potential:

- This technology allows extended oil drain intervals up to 50,000 miles for severe service and 100,000 miles in specific transmissions. Oil analysis should be conducted in accordance with the transmission OEM requirements.

Shift Comfort and Maintenance Costs

- The combination of these features and benefits translates into smooth shifting comfort, and lower maintenance costs due to extended drain intervals and longer transmission component life.

APPLICATIONS

- Super S SuperSyn[™] Premium Trans HD was developed to meet the extended drain requirements of late model heavy-duty transmissions. It is particularly suitable for transmissions requiring type products.
- It is recommended for use in the following applications:
 - · Municipal fleets
 - · Vans, school buses
 - · Buses and Coaches
 - · Emergency vehicles
 - · Commercial vehicles and trucks
 - · Motor-homes
 - · On/Off-highway vehicles
 - · Heavy-duty pickup trucks
- Super S SuperSyn[™] Premium Trans HD can also be used in ZF and Voith manufactured heavy-duty transmissions as well as those previously serviceable by Dexron[®] III and Mercon[®], and is particularly suited to mixed fleet operations.

- Former Dexron® III applications
- Former Ford Mercon® applications
- Ford MERCON® V (M5060501)
- Voith
- ZF TE-ML14B, 16L, 17C
- MAN 339 Type F

SPECIAL HANDLING, NOTICES OR WARNINGS

SuperSyn Premium Trans HD 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 specifications. Smitty's Supply, Inc. is not certified by Allison Transmission under the TES 295 specification.

Use the same care and handling that you would use with petroleum products.

TYPICAL CHARACTERISTICS

Super S SuperSyn™ Premium Trans HD		
Properties	Test Method ASTM D-	Data
Kinematic Viscosity @40°C cSt @100°C cSt	445	33.7 7.1
Viscosity Index	2270	181
Specific Gravity at 16°C	287	0.85
Flash Point COC (°C)	92	212
Pour Point (°C)	ISO 3016	-51

Minor variations which do not affect product performance are to be expected during normal manufacturing.

PRODUCT NUMBERS

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