



Super S[®] SuperSyn[™] Heavy Duty ATF

Super S[®] SuperSyn[™] Heavy Duty ATF is a premium quality heavy-duty universal power shift and automatic transmission fluid suitable for use in transmissions in heavy duty fleets in normal to severe service. It is engineered to meet the requirements of the latest model heavy-duty transmissions.

Super S[®] SuperSyn[™] Heavy Duty ATF is the ultimate performance automatic transmission fluid which enables extended service intervals up to 100,000 miles in well maintained systems in conjunction with oil monitoring. The chemically engineered viscosity improver resists mechanical shearing normally associated with heavy duty transmission fluids enabling the fluid to maintain film strength even under severe operating conditions.

The synthetic base stock was carefully selected to provide excellent oxidative stability, control of viscosity over a much wider temperature range, and to maximize fuel efficiency. Heavy Duty ATF can resist thickening in extreme cold climates allowing for quick delivery of lubrication to all areas of the transmission extending service life of the equipment.

FEATURES/BENEFITS

- Excellent thermal and oxidation stability - Super S SuperSyn Heavy Duty ATF resists formation of deposits to ensure longer fluid life and better fluid performance under severe conditions.
- High viscosity index - Super S SuperSyn[™] Heavy Duty ATF 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[™] Heavy Duty ATF 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[™] Heavy Duty ATF it is recommended that the transmission system is appropriately drained and flushed to obtain all the performance benefits that changing to this fluid will provide.

•However, Super S SuperSyn[™] Heavy Duty ATF 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[™] Heavy Duty ATF 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
 - Motorhomes
 - On/Off-highway vehicles
 - Heavy-duty pickup trucks
- Super S SuperSyn[™] Heavy Duty ATF 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.

Super S Supersyn™ Heavy Duty ATF

RECOMMENDATIONS/SPECIFICATIONS

- Allison C3 & C4
- Former Dexron® III applications
- Ford MERCON® V (M5060501)
- Chrysler 4874464
- MB 236.7 / MB 236.9
- MAN 339 Type F
- Volvo 1273.41 / 97340
- Former Ford Mercon® applications
- GM 12345349, 12377916, 12345577
- JWS 3309
- ZF TE-ML14B, 16L, 17C
- Voith – H55.6336.XX

SPECIAL HANDLING, NOTICES OR WARNINGS

SuperSyn Heavy Duty ATF 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®, and TES 668® specifications. Smitty's Supply, Inc. is not certified by Allison Transmission under the Allison TES 295®, TES 389®, TES 468®, and TES 668® specifications. Use the same care and handling that you would use with petroleum products.

TYPICAL CHARACTERISTICS

Super S® Supersyn™ Heavy Duty ATF		
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
- SUS 227-55 55 Gallon Drum
- SUS 227 Tote 275 Gallon Tote

