



## Technical Data Sheet

### HOT SHOT'S SECRET TRANSMISSION STICTION ELIMINATOR

**Description:** The requirement for higher performance gear and transmissions lubricants has increased considerably in recent year due to the introduction of new and sophisticated transmission systems. The transmission fluid serves as a hydraulic fluid, a heat transfer fluid and lubricating fluid. As the transmission is used, varnish and sticky residue can form inhibiting the performance of the fluid. The Transmission Stiction Eliminator is a low viscosity ester which has been shown to dissolve additives that have deposited on the metal surfaces in the valve body. This feature helps your transmission fluid to last longer and perform better by keeping the additives in solution. An added benefit is a reduction in temperature due to less friction on the critical moving parts. Our high performance ester formula is a unique lubricity and cleaning agent, featuring a negatively charged synthetic esters that tenaciously attaches itself to all metal parts that it comes in contact with inside the transmission. The strong polarity pulls deposits off the metal surfaces and puts them back into solution. The metal in a transmission is nearly always positively charged while Transmission Stiction Eliminator is negatively charged. Attachment of a thin layer of Transmission Stiction Eliminator to all metals is natural and not dependent upon temperature, pressure or anything else.

It can be said that esters slide upon themselves much more freely than what oil does. When a sufficient amount of esters are added to oil, the result is that the oil becomes as slippery as esters themselves.

#### **Performance Characteristics:**

- Dissolves varnish and additive residue
- Reduces coefficient of friction
- Improves fuel economy \*guaranteed in truck fleets
- Wear protection
- Reduces operating temperature \*
- Reduces emissions
- Reduces wear
- Smoother gear changes
- Reduces noise and vibration
- Protects rubber seals
- Swells seals 1 1/2 % to 3% and then lubricates them to prevent wear
- Reduces oil leakage
- Extends oil drain intervals
- Fixes automatic transmission shift cycle
- Prevents rust and corrosion

#### **Typical Applications and Mixtures:**

Studies have shown that a 5% concentration of the Transmission Stiction Eliminator (1.6 oz per quart) is needed to reach maximum friction reduction. An additional benefit of seal and ring protection is achieved when the amount of Transmission Stiction Eliminator is raised to 7.5% (2.4 oz per quart).

You can treat any automatic transmission at the recommended dosages

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## **Lubrication Specialties, Inc.**

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**Dosages:**

- 1 Pint (16 fluid oz.) 1.2 oz.
- 1 Quart (32 fluid or) 2.4 oz.
- 2 Quart (64 fluid oz.) 4.8 oz.
- 3 Quarts (96 fluid or) 7.2 oz.
- 4 Quarts (128 fluid or) 9.6 oz.
- 5 Quarts (160 fluid oz.) 2.0 oz.(1.5 cups)
- 6 Quarts (192 fluid or) 14.4 oz.
- 2 Gallons (8 quarts) 19.2 oz.
- 2.5 Gallons (10 quarts) 24.0 oz. (1.5 pints)
- 3 Gallons (12 quarts) 29.0 oz. (almost 1 quart)
- 3.5 Gallons (14 quarts) 33.6 oz.(over 1 quart)
- 4 Gallons (16 quarts) 38.0 oz. (1.2 quarts)
- 5 Gallons (20 quarts) 48.0 oz. (1.5 quarts)

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