



## Technical Data Sheet

Revised: 7/5/2018

### **HOT SHOT'S SECRET FR3 Synthetic Friction Reducer Nano-Lubricant and Wear Reducer**

#### **Product Overview**

FR3 Friction Reducer is a lubricity-enhancing oil additive that increases the lubricating and wear reduction properties of the host oil. The product contains patented synthetic lubricants that have unique lubricating properties even compared to PAO or mPAO synthetics of the same viscosity. The anti-wear component of the formula is a patented carbon Nano particle that fills in microscopic irregularities on the machined surface to provide a smoother surface for the lubricating film to form. The synergy of these components extends the base oil performance in shear stability, oxidation stability, film strength and especially friction reduction. The product has 100% performance guarantee or your money back

#### **Applications and Uses**

FR3 100% Synthetic Friction Reducer works in conventional oil and synthetic oil. FR3 can be added to diesel or gasoline engines, power-steering pumps, differentials, and hydraulic systems in semi-trucks, pick-up trucks, construction/farm/lawn equipment, motorcycles, ATVs, and autos and industrial applications.

You can use FR3 to treat any oil-lubricated system except air conditioning and aircraft. It is particularly effective in small two-cycle engines; just add FR3 to the oil before mixing it with fuel.

#### **Benefits**

- Reduces coefficient of friction
- Improves fuel economy up to 5%
- Improves shear stability of the host oil
- Improves boundary lubrication at start-up
- Reduces operating temperature
- Reduces wear by up to 43%
- Reduces machine failures and repair costs
- Restores lost Compression
- Reduces noise and vibration
- Extends engine oil life
- Protects rubber seals
- Eliminates corrosion
- Cleans sludge and deposits from surfaces
- Eliminates and prevents rust and corrosion
- Increases towing power

FR3 attaches to all internal parts to completely lubricate the system.



### Directions for Use

Add FR3 at every oil change to maintain optimal benefits.

Oil/Fluid Capacity	Hot Shot's Secret FR-3
5 quart (car)	8 ounces
15 quarts (truck)	23 ounces
45 quarts (semi)	64 ounces
1 quart	1.5 ounces

### Notes:

- Do not use in conjunction with other aftermarket oil additives, including HSS Stiction Eliminator

### Packaging

FR-3 is available in:

- 8 ounce bottle
- 1 quart (32oz) bottle
- 1 quart 12-pack
- 64 ounce bottle
- 1 gallon jug
- 1 gallon 4-pack
- 5 gallon bucket
- 55 gallon drum and bulk

### Typical Properties

Property or Test	Result
Kinematic viscosity @ 104 °F, mm <sup>2</sup> /s	12.0 cSt
Flash point (open cup), °F	496
Pour point, °F	-49
Appearance	Light Yellow Liquid

The Safety Data Sheet is available at

<http://www.hotshotsecret.com/print-documents/>.