

# Product Information Sheet



## FPS Premium Winter — Biodiesel

(Product # 21100)

***FPS Premium Bio Winter—Biodiesel*** is specifically formulated for use in biodiesel blends. This additive contains less than 15 ppm sulfur, meeting the EPA requirements for use with Ultra Low Sulfur Diesel (ULSD). It is an ashless, multi-functional additive which provides significant, money-saving benefits when used as recommended. ***FPS Premium Winter - Biodiesel*** contains cold flow improvers and de-icer for cold weather operability as well as a robust detergency package for significantly improved fuel economy.

### Superior Cold Weather Protection

- ✓ Special formulation for use in biodiesel blends up to B20 (20%).
- ✓ Disperses up to 100 PPM of water and keeps it from freezing. Contains no alcohols.
- ✓ A lowered cold filter plugging point to 15°- 25°F below the fuel's cloud point.
- ✓ Inhibition of stable emulsions of fuel and water.
- ✓ Contains wax modifier— inhibits formation of large wax particles.
- ✓ Reduces or eliminates the need to blend with #1 diesel—saves money and increases fuel economy.

### Fuel Economy

- ✓ Contains a high level of detergency to aggressively clean up injectors, which will ***improve fuel economy performance up to 8.0%***.
- ✓ Prevents loss of engine power, which results from incomplete combustion of fuel.
- ✓ Double the level of detergency needed to meet Cummins L-10 Superior rating for injector cleanliness.

### Lubricity

- ✓ Increased lubricity, especially beneficial when using ULSD, giving protection against wear for injectors, fuel pumps, upper cylinders, rings and valve train.
- ✓ Exceeds lubricity standard in ASTM D 975 as well as the stringent Engine Manufacturers Association (EMA) specification.

### Emissions

- ✓ Reduces black smoke by up to 93%.
- ✓ Decreases NOx, hydrocarbon, carbon monoxide and particulate matter emissions.

### Stability

- ✓ Doubles storage stability, delaying oxidation of fuel during periods of extended down time.
- ✓ Decreases risk of thermal degradation of fuel.
- ✓

### Recommended Treatment Ratio

One gallon of ***FPS Premium Winter—Biodiesel*** treats 1000 gallons of diesel fuel.

[www.fp-solutions.com](http://www.fp-solutions.com)

1-888-577-FUEL (3835)

The sulfur content of this additive does not exceed 15 PPM.