

Product Information Sheet



FPS Cold Weather

(Product # 31010)

FPS Cold Weather is an ashless diesel fuel additive which is formulated to alleviate the most common difficulties which occur when using Low Sulfur and Ultra Low Sulfur Diesel in low ambient temperatures. Specifically, *FPS Cold Weather* cost effectively assists in eliminating problems caused by wax gelling and the presence of water.

Icing

FPS Cold Weather disperses up to 100 PPM of water and keeps it from freezing, which allows it to move through the system and be burned along with the fuel, rather than forming ice crystals which can plug filters. *FPS Cold Weather* also prevents the formation of stable emulsions of water and fuel and it contains no alcohols.

Wax Formation

FPS Cold Weather also helps prevent the formation of large wax crystals when it is added to diesel fuel before it reaches the cloud point. Small wax particles are surrounded and dispersed, which keeps them from adhering to one another. They are thus able to pass through the system to be consumed in the combustion process providing valuable energy benefits. This product will typically lower cold filter plug point (CFPP) to 15° F - 25° F below the cloud point. The amount of # 1 diesel blending required for winter operation is hence reduced or eliminated. Reducing the amount of blending with #1 diesel saves money in two ways: it is significantly more expensive than # 2 diesel and # 1 diesel contains approximately 8% less energy per gallon.

Benefit Summary:

- ✓ Less fuel icing and reduced formation of ice crystals.
- ✓ Inhibition of stable emulsions of fuel and water.
- ✓ Deters formation of large wax particles.
- ✓ Lowers CFPP to 15° F - 25° F below cloud point.
- ✓ Reduces or eliminates blending with # 1 diesel.

Recommended Treatment Ratio:

One gallon of *FPS Cold Weather* treats 1500 gallons of diesel fuel.
Biodiesel blends up to B20 (20%) - one gallon treats 1000 gallons.
Home heating oil—one gallon treats 3000 gallons

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