



BIO COLD FLOW IMPROVER

TREATMENT FOR BIODIESEL THAT LOWERS GELLING TEMPERATURE AND IMPROVES COLD WATER HANDLING OF BIODIESEL BLENDS

The biggest problem with using biodiesel fuels in cold climates is fuel gelling. Cold weather users know that biodiesel fuels encounter cold flow and handling problems at much higher temperatures than conventional petrodiesel – even as high as +50 degrees F (10 degrees C).

Bell Performance's **BIO COLD FLOW IMPROVER** formulation combats cold weather gelling in biodiesel blended fuels. Adding **BIO COLD FLOW IMPROVER** lowers the cold filter plug point and pour point of B2-B20 Biodiesel blends.

The result? Improved biodiesel fuel handling in colder weather, while addressing the major problems of water contamination and associated fuel instability/decomposition.

BIO COLD FLOW IMPROVER is the answer to biodiesel cold flow problems.

WHAT WILL BIO COLD FLOW IMPROVER DO FOR YOU?

- Lowers cold filter plug point of ASTM-certified B2-B20 biodiesel blends by up to 15 degrees F
- Lowers pour point of biodiesel blends by up to 30 degrees F
- Eliminates water and moisture
- Compatible with most common fuel system and distribution materials

WHO SHOULD USE THIS PRODUCT?

If you need to solve cold weather biodiesel gelling problems, **BIO COLD FLOW IMPROVER** is for you.

IDEAL USERS AND USES OF THIS PRODUCT WILL INCLUDE:

- Biodiesel trucks and heavy equipment
- Diesel generators using biodiesel in cold weather environments
- Anyone who can't afford to be sidelined by gelled biodiesel in cold weather

RECOMMENDED TREAT RATIO

Use one ounce to 12 gallons of fuel.
One gallon treats up to 1,500 gallons of biodiesel blend fuel.

Adjust treat ratio up or down depending on your exact blend (especially if the fuel is not certified to meet ASTM specifications for biodiesel). Extreme cold weather conditions may require a higher treat ratio.

FOR OPTIMAL PERFORMANCE

BIO COLD FLOW IMPROVER works best when well-mixed into fuel. To ensure optimal blending of fuel and treatment, splash blending and/or direct injection with fuel circulation is the recommended best practice.

When adding directly to the fuel tank, it is recommended to add **BIO COLD FLOW IMPROVER** first and then add fuel.

Add **BIO COLD FLOW IMPROVER** to fuel at temperatures 60 degrees F (15.56 degrees C) and above, before fuel shows signs of gelling. Not recommended for use in biodiesel produced from palm oil.

AVAILABILITY

BIO COLD FLOW IMPROVER is available in 16 oz., 32 oz., 1 gallon, 5 gallon and 55-gallon product sizes.

Ideal for treatment of bulk volumes of stored biodiesel. Contact the Bell Performance office or speak to your Account Manager for more details on bulk availability and pricing.

Use **BIO COLD FLOW IMPROVER** with every tank fill or fuel drop.

