DESCRIPTION
ColdBoost 590 is a synthesis of two of our most popular biodiesel additives. Coldboost 590 contains both our world renowned biodiesel winter additive - Coldflow and our performance enhancing Bioboost additive which will increase both the cold starting properties and improve the mpg of all biodiesel blends. ColdBoost 590 will prevent biodiesel blends from clouding and gelling at low temperatures. ColdBoost 590 is a biodiesel cold flow improver designed to be used from blends of Rapeseed Methyl Esters (RME), Used Cooking Oils (UCO), Waste Virgin Oils (WVO). ColdBoost 590 will improve biodiesel Performance + Power by increasing the Cetane rating of your biodiesel. Users will feel a definite increase in throttle power and starting in mornings, where previous untreated biodiesel felt sluggish.

PRODUCT APPEARANCE PRODUCT CODE APPLICATION
COLDBOOST 590 THIXOTROPIC STRAW LIQUID COLDB590-5 BIODIESEL CFPP & CETANE

USES AND APPLICATIONS
Typical Dilution Rate’s of 4000ppm (4 Litres per 1000 Litres of Biodiesel) ColdBoost 590 must be added 5°C above Cloud Point of Biodiesel.

Biodiesel will cloud like petroleum diesel fuel when the weather gets cold. Initially we see little crystals of wax forming and these crystals will begin to clog fuel filters. When it becomes colder still, the biodiesel will form into a gel that will eventually set solid. Depending on the type of oils used to make your biodiesel i.e. virgin vegetable seed oils have a lower pour-point (or CFPP -- Cold-Filter Plugging Point) than used cooking oil (UCO, WVO) mixtures. This is due to the level of saturation, or number of hydrogen atoms present. This is determined by the Iodine value. Generally the higher the Iodine value of the oil, the biodiesel esters produced will take on a lower pour point. To avoid this problem we suggest your produced biodiesel is treated with Coldflow 590 additive during all winter and spring months. Coldflow 590 has been specifically designed to modify the wax crystals, lowering the pour point of your bio-diesel fuel.

SAFETY
Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE
When stored between 10 and 40°C in the original unopened container, COLDBOOST 590 has a shelf life of 36 months from the date of manufacture.

PACKAGING
COLDBOOST 590 is available in 5 Litre, 20 Litre & 200 Litre Containers.

DISCLAIMER OF LIABILITY
The information and all further technical advice is based on our present knowledge and experience. However, they imply no liability or other legal responsibility on our part, including with regards to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied of guarantee of product properties is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out by qualified experts in the sole responsibility of the customer.