

MASS BIOFUEL



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Thank You

Most days it's a challenge to sit in my chair everyday and work on a project that is so new to me. Today, the sun is finally out, the clouds are gone, the phones have quieted and as I sit here I feel so grateful and proud of what we have accomplished.

October 2004 we ventured away from regular home heating oil into a new world of refined soybean oil. Walking into our first winter with seven customers, one delivery truck and our fingers crossed felt like going ice skating for the first time. Remember? Legs shaking, never knowing how thick the ice was and praying that falling wasn't as painful as it looked (of course *that* was never the case!).

Now in 2006 finishing our second winter with 251 customers, getting "on the ice" doesn't seem so scary.

Countless thanks to all of our customers who have believed in us throughout the years. Thanks to all those who so patiently postponed their tune-ups and system evaluations this winter so we could take care of the emergencies that so *conveniently* come along with the winter months.

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It was because of you that we were able to keep everyone warm this winter in a timely fashion. This year was definitely a long one with high prices, unpredictable cold spells and the ill-fated hurricanes that hit. Unfortunately, next year will be just as much a challenge. With prices now at record highs (for all types of fuel), people are already bracing themselves for a long, expensive winter.

Also, with us being pioneers in the Biofuel market (in this area) for the last 2 years, it seems to be finally paying off. More and more companies are finally throwing around the possibility of implementing Biofuel into their company. It is a real satisfaction to see a product that we believe in so much get the attention it so greatly deserves.

Each and every one of our customers has helped to build our foundation from which we are based. In saying that, we thank you very much.

Elizabeth and the Mass Biofuel team

Why Use Low Sulfur?

Why not? Sounds cliché I know. But really, why not use a product that is cleaner for your heating system, home and environment?

Using low sulfur with refined soybean oil eliminates 75% of the sulfur that is burned, emitting fewer toxins into the air and producing less soot to clog up your heating system. Compared to regular home heating oil at 1500 part per million of sulfur, low sulfur diesel has 500(or less) parts per million of sulfur. That's a big difference!

A little fact:

As little as 1/8" of soot build up creates an efficiency loss of 43.7%. Reducing the sulfur content in the heating oil makes for cleaner combustion resulting in less soot- which is a by- product of combustion.

Another Fun Fact:

A 1998 life cycle study from the U.S. DOE and U.S. DOA stated that for every unit of energy needed to make biodiesel, 3.2 units of energy are gained. In comparison, it takes 1.2 units of fossil resources to produce 1 unit of petroleum diesel.

On A Greener Note

As of March 31, 2006 you have been able to keep 20,817.6 gallons of imported oil from being used. In turn you have burned 20,817.6 gallons of renewable, biodegradable and non-toxic Biofuel.

Let's think about it this way:

About 9.2 gallons of a 42 gallon barrel of crude oil is refined into heating oil/diesel fuel. So realistically, we could have saved 53.9 whole barrels of crude from being imported and refined to heating oil/diesel fuel.

Also, for every gallon of B10 (10%refined soybean oil & 90% low sulfur diesel) .37lbs (2.9oz) of sulfur is avoided. So...according to my calculations, as of March 31, 2006, you have been able to avoid 7,702.51LBS of sulfur. WOW!

I think that is something to be very proud of.