

# **SACK** RENEWABLE FUELS

*A division of SACK ENERGY*



**The benefits of biodiesel are here.**

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New England commercial customers are in search of a sustainable and eco-friendly fuel. And that means *biodiesel*. New biodiesel blends are incredibly versatile and can be seamlessly incorporated into most fuel systems — in most cases with minimal costs and modifications.

Sack Renewable Fuels offers a better brand of biodiesel. Our biodiesel has an extremely low carbon index and can be used as a partial or total oil replacement in heating and power systems, in off-road and on-road combustion engines, and even in cogeneration plants.



Biodiesel is a better choice for your fuel system, your environment and your bottom line:

## Lower your energy costs

With the EPA's Renewable Fuel Standards Energy Credits, biodiesel can help drive a dramatic reduction in overall energy costs.



## Lower your operating costs

Fuel quality and heating system performance improves with the use of biodiesel. Biodiesel blends improve heating system longevity by reducing friction and wear.



## You can safely and easily change right now!

Implementation **requires little to no modification** to your current equipment.



**Biodiesel** is produced from a variety of renewable resources, such as plant oils, soybeans, animal fats, used cooking oil and even algae, making it one of the most sustainable fuels on the planet. It's eco-friendly energy at its best.



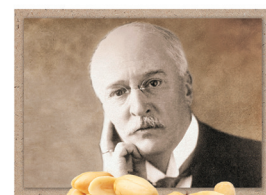


Our biodiesel is produced right here, in southern New England. Local production, sales and use of biodiesel benefit small businesses, support employment in our region and significantly reduce greenhouse gas (GHG) emissions.

### Environmental benefits:

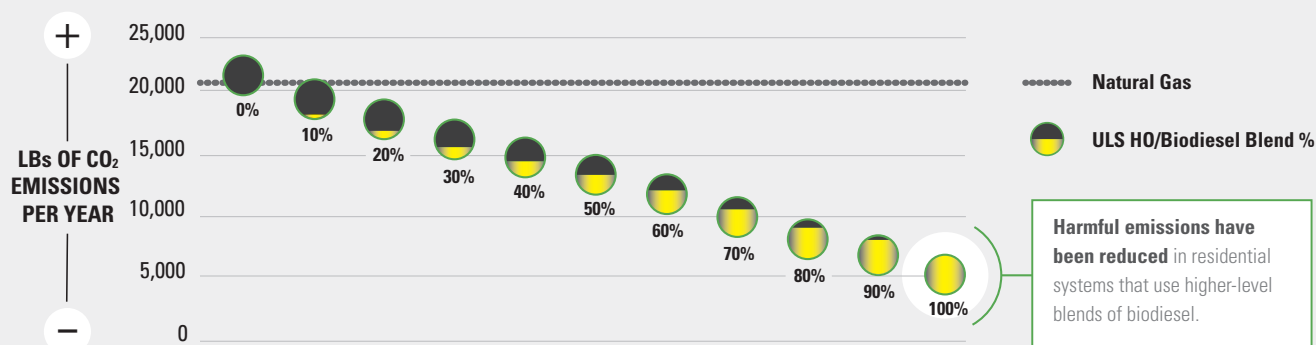
Comprehensive sustainability plans recognize and include the use of biodiesel as a cleaner alternative to natural gas and other fuels (based on lower levels of GHG emissions), just as solar is an alternative to the electric grid.

**Consider this:** Four billion gallons accounts for 80% of the overall heating oil requirement in the northeast. If the total market were to use a biodiesel B5 blend, it would displace 200 million gallons of conventional heating oil — the equivalent of 2mm tons of CO<sub>2</sub> emissions. ***This is equivalent to removing 435,138 cars from the road per year.*** The reductions in sulfur, nitrogen oxides, mercury and carbon monoxide result in better air quality, which reduces acid rain and regional haze.



When Rudolf Diesel introduced the diesel engine in the 1890s, his first prototype used peanut oil. The invention was so efficient it quickly replaced steam engines.

### Biodiesel blends — better for the environment than natural gas.



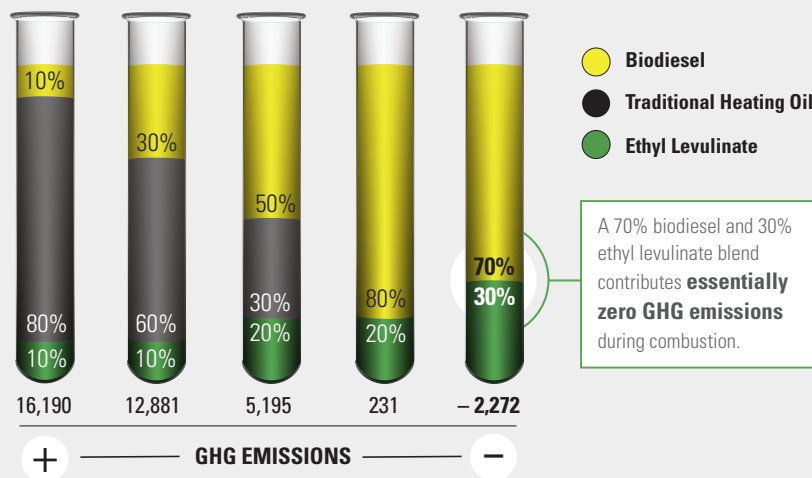
## Biodiesel from Sack Renewable Fuels — your pathway to achieving zero emissions.

Biodiesel represents one of the best opportunities for environmentally conscious companies all over the world to achieve net-zero emissions by 2050.

Our Bioheat blend is one of the most environmentally friendly biodiesels — with the lowest carbon index rating — in New England.

As you advance on your quest for lower GHG emissions, biodiesel blends containing high-tech additives, such as ethyl levulinate, will be your best bet to achieve zero GHG emissions — something traditional heating oil blends cannot do.

Adding biodiesel to the mix to achieve zero GHG emissions:



**Make the biodiesel  
switch today.**

Learn more about  
Sack Renewable Fuels  
by calling 860.232.4814 or  
visiting us online today at  
**[SackRenewableFuels.com](https://SackRenewableFuels.com)**

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The mission of Sack Renewable Fuels is to make the use and benefits of biodiesel available to customers throughout New England — wholesale, commercial and residential — and to deliver products and services that reflect our commitment to sustainability and environmental stewardship.