



Biodiesel and Oil Heating

www.bioheatonline.com

**Is biodiesel safe for
oil heating?
YES.**

Biodiesel, when blended up to 5% with petroleum heating oil, meets ASTM D396 heating oil standards and is virtually indistinguishable from 100% heating oil. These blends are listed by Underwriters Laboratory for safe use in oil burners designed for grade 2 fuels. The biodiesel must be made to the ASTM standard for biodiesel (D6751).

**Is biodiesel reliable
for oil heating?
YES.**

Pure biodiesel is controlled for stability, nozzle coking, and water and sediment content.

Biodiesel has naturally superior lubricity and is used as an additive to petroleum fuels to improve lubricity. When purchased from reliable sources, biodiesel is just like a petroleum fuel that has also been purchased from reliable sources.

**Service benefits of
oil heating?
MANY.**

Biodiesel is naturally low in sulfur, reduces black smoke and does not contribute to deposits in appliances.

Biodiesel is non-toxic, biodegradable and has a higher flash point than petroleum. Biodiesel's exhaust is more pleasant, and handling biodiesel is similar to handling the oils or fats it is made from.

Biodiesel has a mild cleaning effect and may disperse contaminants and carry them through the fuel system to the flame, where they are consumed.

**What is
Bioheat®?**

Bioheat® is a 2% to 5% blend of biodiesel (ASTM 6751) with standard heating oil. Biodiesel itself is a clean burning alternative fuel produced from domestic renewable resources like plant oils, animal fats and used cooking oil. Biodiesel is not straight, unprocessed oils, but a refined product, produced under strict and controlled specifications.

Biodiesel can be freely blended with conventional petroleum heating oil and is fully soluble.

All oilburners sold in the U.S. are UL listed for use with Bioheat® meeting ASTM D396 and Bioheat® has been endorsed by the Oilheat Manufacturers Association.

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