

OnBio
RENEWABLE FUEL SERVICES

WE NOW SUPPLY B50 RENEWABLE HEATING OIL

B50

What is B50 heating oil?

OnBio is now supplying a blended renewable heating oil called B50. Made from 50% ISCC approved sustainable HVO & 50% kerosene, this is the most sustainable heating oil option on the market.

How environmentally friendly is it?

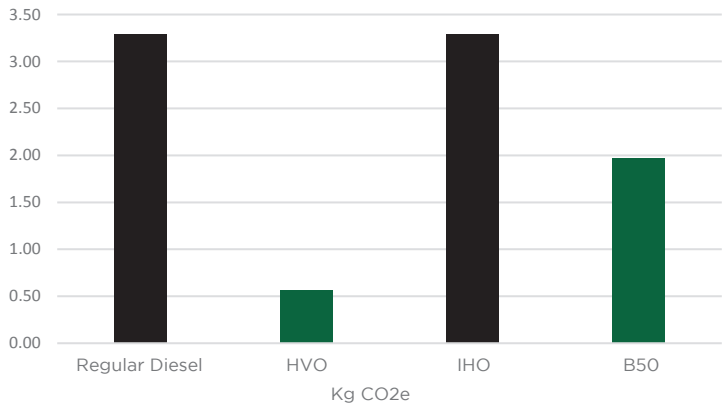
Burning any fuel releases CO2. However, because B50 is made from 50% used cooking oil (UCO), it reduces the fuel's CO2 carbon footprint by 40%.

Frustratingly, this is the highest blend the UK Government will currently allow for an industrial heating oil.

OnBio's 7-day digital thermostats help to further reduce emissions and costs.

Where possible, we install heaters with 7-day digital thermostats. These can be programmed to come on at specific times of day or night, ensuring heaters are only in use when they are needed.

This simple measure has enabled our clients to reduce their daily average fuel consumption per heater from 250L to 150L.



Fossil fuel data from UK Government GHG Conversion Factors for Company Reporting Document. HVO & B50 data from individual fuel declaration documents.



How does it compare to conventional heating oil?

Our B50 heating oil is a drop-in fuel, meeting the Class D requirement for Industrial Heating Oil (IHO). It has the same shelf-life as conventional Industrial Heating Oil, and has a cold filter plugging point of -20°C.

It has a 40% carbon saving compared to IHO, making it the most reliable and sustainable alternative to using conventional Industrial Heating Oil.

1,000 litres of IHO produces 3.3 tonnes of CO2e whereas the same amount of B50 produces just 1.9 tonnes of CO2e.

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