



# INTRODUCING RENEWABLE DIESEL

## Renewable Diesel

OnBio specialises in the use of Renewable Diesel in film unit generators and heaters, refined by Neste, the worlds largest renewable diesel producer. This exciting new fuel is:

- Is fully compatible with all diesel engines
- Has excellent cold weather properties
- Can be stored in existing diesel storage tanks without any alterations
- Mixes perfectly with conventional diesel and has no blending limit or shelf life
- Does not promote bacteria growth
- Has been approved for use in Volvo's Euro 5 and Euro 6 engines
- Meets EN15940 standard for paraffinic diesel from synthesis or hydrotreatment.

## Compatible with any diesel engine

Renewable Diesel is not a biodiesel. Known as an HVO or Hydrotreated Vegetable Oil, it is made from the same raw materials as biodiesel, but is a paraffinic fuel which has a chemical structure comparable with conventional diesel.

## High Performing

Renewable Diesel's high cetane range of 75 – 95 ensures an efficient and clean combustion.

## 100% Renewable

Renewable Diesel is refined from 100% renewable inedible waste and residue feedstock. The result is a highly purified, low sulphur, renewable fuel, which does not contribute to deforestation or compete with food production.

## Ultra Low Carbon - 80% CO<sub>2</sub> Reduction

Using Renewable Diesel in place of conventional diesel reduces greenhouse gas emissions by up to 80%.

## Less Polluting

Renewable Diesel has lower harmful emissions than conventional diesel and can make a valuable contribution to improving local air quality, particularly when used at 100%.\* Compared with conventional diesel, using Renewable Diesel reduces:

- Particulate matter (PM) by 33%
- Nitrogen oxides (NO<sub>x</sub>) by 9%
- Carbon monoxide (CO) by 24%
- Hydrocarbons (HC) by 30%

## Available through OnBio Ltd

For information and prices please contact OnBio on 07787 113682 or at [sales@onbio.co.uk](mailto:sales@onbio.co.uk).

\*These average emission reduction figures are derived from studies on 100% HVO Neste Renewable Diesel. Findings are published in over 40 scientific publications.

PRODUCT	DIESEL ENGINE COMPATIBLE	HYDROCARBON FUEL	ISCC CERTIFIED	EMISSION SAVINGS	CO <sub>2</sub> REDUCTION
ECO <sup>+</sup>	✓	✓	✓	✓	80%
DIESEL	✓	✓	✗	✗	0%

**Renewable Diesel is now available in the UK through OnBio Ltd.**  
For a quotation please call 07787 113 682 or email [sales@onbio.co.uk](mailto:sales@onbio.co.uk).