



RENEWABLE DIESEL
 100% Renewable Diesel Spec
 Up to 90% less CO₂ emissions
 ISCC-EU & RFAS Certified
 EN15940 Standardised

Renewable Diesel

OnBio specialises in the use of HVO Renewable Diesel in film unit generators & heaters, refined by Neste, the world's 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
- Does not promote bacteria growth and has the same shelf life as conventional diesel
- Approved for use in Volvo's Euro 5 & 6 engines
- Meets EN15940 standard for paraffinic diesel from synthesis or hydrotreatment & ASTM D975

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 by meeting the US diesel standard ASTM D975.

High Performing

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

Ultra-Low Carbon -
 up to 90% CO₂ Reduction

Product	Diesel Engine Compatible	Hydrocarbon Fuel	ISCC Certified	Co ₂ Saving	NO ₂ Reduction	PM Reduction
Renewable Diesel	✓	✓	✓	up to 90%	7 to 37%	51 to 98%
Diesel	✓	✓	✗	0%	0%	0%

What is Renewable Diesel?

Renewable Diesel is made using renewable inedible waste and residue feedstocks. The result is a highly purified, low sulphur, renewable fuel, which does not contribute to deforestation or compete with food production.

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 51 to 98%
- Nitrogen oxides (NO_x) by 7 to 37%

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



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