



CraggsTM
energy

GreenD+ HVO *YOUR* Complete Guide

FUEL FOR A CLEANER FUTURE

What is GreenD+?

Introduction

At Craggs Energy we are always looking for ways to support our customers to reduce their carbon footprint, one way we can do this is through the supply of GreenD+, the cleanest alternative diesel on the market.

GREEND+ is a HVO paraffinic EN15940 fuel enhanced with proprietary organic additive that produces the lowest emission advanced fuel available in the market.

Craggs Energy work in partnership with the largest importer of HVO, and stockist in the UK, with 4 terminal storage facilities and regional distribution Hubs- storing between 5-25 million litres of stock.

Supplied to leading clients across multiple industries which include:

- Commercial fleet operators
- Marine operators on inland waterways
- Mobile and temporary power
- Construction companies involved in major infrastructure
- Standby generation
- Production Sites
- Agricultural businesses and contractors
- Data centres
- Commercial Boilers

What is GreenD+?

- Green D+ HVO fuel is one of the cleanest fuels on the market. It's a second-generation, synthetic, advanced renewable diesel alternative that eliminates up to 90% of net CO₂ and significantly reduces nitrogen oxide (NO_x), particulate matter (PM) and carbon monoxide (CO) emissions.
- As a paraffinic, renewable fuel, GreenD+ HVO can be used as a drop-in alternative to fossil diesel, its cleaner, its Fame free and complies with EN15940 & ASTM D97 5. There's no need to modify existing infrastructure – you can simply top up and go.
- GreenD+ is fully certified and auditable.

ONE DIESEL vehicle has the same
CO₂ emissions as **TEN GREEND+** vehicles



The benefits of GreenD+

- Manufactured from sustainable, renewable feed-stocks
- Drop-in replacement means no conversion or setup cost
- Meets EN15940 standard, ASTM D975, JIS No 2 = OEM Approvals
- Odourless, biodegradable and nontoxic
- Excellent cold weather performance down to -35 deg C
- Higher cetane number (70+) than diesel making it more efficient to burn
- Doesn't cause smoke from the exhaust on start-up or change of load
- Offers improved safety, shelf life and storage compared to diesel
- Produces noticeable noise reduction from engines.
- Reduces emissions compared to standard diesel

KEY BENEFITS OF USING GREEN D+

 **NO_x**
NITROGEN OXIDES

LOWER NO_x
NO_x levels are reduced by up to 30%

 **PM**
PARTICULATE MATTER

LOWER PARTICULATES
Particulate, PM25 & PM10, are lowered by up to 86%

 **CO₂e**
CARBON DIOXIDE

LOWER CO₂e LEVELS
Green D+ generates up to 90% less greenhouse gases (CO₂e) and emissions, reducing your carbon footprint significantly.

350L = 956KG

USED GREEN D+

REDUCED CARBON OUTPUT

OEM Approved

HVO is a direct replacement (drop-in) of fuel for all red diesel powered engines. These OEMs (Original Equipment Manufacturer) have already approved HVO to use in heavy duty road vehicles, passenger cars and non-road vehicles.

OEM approvals include:



Heavy Duty Road Vehicles:



Passenger Cars:



Non-Road Vehicles:



Can't find your brand here? Ask your account manager for the full list.

Independent test trial data undertaken by:



GreenD+ Summary

- / ISCC Registered fully certified & auditable
- / Transparent operational practices
- / Dedicated team on Advanced Fuels
- / Supplying UK leading brands

Supporting Your Business

In addition to GreenD+ Craggs Energy can also support your business with...



Gas Oil



Lubricants



Diesel



Additives



Heating Oil



AdBlue



Tanks

And much more!



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