



GREEN BIOFUELS

cleaner & healthier air

**A UNIQUE PRICE COMPETITIVE RENEWABLE DIESEL
FUEL THAT HELPS EXISTING NRMM ENGINES MEET
UK STAGE 111A EMISSION STANDARDS**

GREEN D+

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GREEN D+

What we do

GREEN BIOFUELS is the authorised supplier of a unique renewable diesel fuel, GREEN D+.

Our fuel is formulated by adding a Nano technology patented performance additive to HVO renewable diesel sourced from Neste Oil, the world's leading supplier of renewable diesel.



GREEN D+ IS IDEAL FOR G % ■ PM 10 BY 75% ■ NOx by 27-36% ■ GREENHOUSE GAS EMISSIONS BY 50-90%

GREEN D+ IS PRICE COMPETITIVE WITH RED DIESEL THANKS TO GOVERNMENT SUBSIDIES



COMPLIANCE WITH THE LONDON LOW EMISSIONS ZONE CAN BE ACHIEVED BY USING GREEN D+ RENEWABLE DIESEL INSTEAD OF RED DIESEL IN MANY EXISTING IRMM. YOU DO NOT NEED TO REPLACE OR RE-ENGINE YOUR MACHINERY TO COMPLY



- DELIVERS AT LEAST THE SAME PERFORMANCE AS REGULAR DIESEL BUT CUTS GREENHOUSE GAS EMISSIONS BY 50-90%.
- DISTRIBUTED IN THE SAME WAY AS REGULAR DIESEL, USES TANKS AND PUMPS
- COPES WITH LOW TEMPERATURES AND STORAGE IN THE SAME WAY AS REGULAR DIESEL.
- LASTS LONGER IN THE TANK AND GIVES BETTER FUEL STABILITY THAN RED DIESEL

PRODUCT QUALITIES

- ◆ **100% RENEWABLE AND SUSTAINABLE**
Produced from waste fats, residues and vegetable oils, classified as hydrotreated vegetable oil (HVO)
- ◆ **EASY TO USE**
Fully compatible with all engines, no additional investments needed. Actually works as a drop-in fuel, meaning that it can replace diesel fuel 100 % without any modifications to the refueling system or to the vehicles, without causing any operational problems.
- ◆ **SUPERIOR COLD WEATHER PERFORMANCE**
Suitable for very cold weather conditions down to -47°C; no additive or ASTM D975 1D diesel needed

GREEN D+

NEW EMISSION STANDARDS

Tougher emission standards for plant and construction machinery are now being demanded by local authorities. Councils and boroughs throughout the UK are introducing emission reduction schemes as a requirement for successful contract tender. The compliance of machinery has to be proven by the contractor prior to being allowed on site. Machinery that does not comply will be stood down and



GREEN D+ REDUCES PM 2.5 BY 84%

GENERATORS ■ RAIL ■ STORAGE ■ CRC ■ BUSES ■ TAXIS ■

GREEN D+ is a pour in replacement for Red Diesel and is an ASTM D975 2D compliant fuel



removed.

LOWER OPERATING COSTS

Other biofuels may increase the need for vehicle maintenance, for example through reduced oil change intervals, but with GREEN D+ renewable diesel there is no need for extra maintenance. GREEN D+ has no ash forming components, no Sulphur, no soot and no oxidation and polymeric reaction products that cause corrosion and junk; It has a low tendency to form deposits in fuel injection system and fuel injectors



PRODUCT QUALITIES

GREEN D+ is as least as efficient as Red Diesel and allows customers to meet greenhouse gas (GHG) and air quality targets.

◆ HIGH PERFORMANCE AND EFFICIENCY

Together with a high cetane number of 75-95, GREEN D+ ensures a rapid start, efficient, clean and quiet combustion with the same torque and maximum power as modern diesel fuel in modern engines. Same fuel consumption as Red diesel at normal operating loads

◆ SMALLER ENVIRONMENTAL FOOTPRINT

Reduces greenhouse gas emissions by up to 90%

◆ LOWER HARMFUL EMISSIONS

Reduces harmful gaseous emissions and particulates, NOx, PM2.5 and PM 10