

B20 Q+As

Q: What is Greenergy's B20?

A: B20 is a higher percentage biodiesel fuel, made up of an average of 20% biodiesel and 80% diesel across the year. The exact percentage may change throughout the year to ensure performance, but will average 20% for the year.

Blending up to 20% biodiesel allows Greenergy to provide its customers with a cost-effective and a sustainable lower carbon fuel option for existing vehicles, avoiding the need for engine modifications and capital outlay.

Q: What percentage of biofuel is currently used in fuel?

A: Greenergy would typically supply its customers with diesel which includes up to a 7% biodiesel blend. However, as biofuel obligations are increasing in the UK, so too has customer demand for higher percentage biodiesel blends. Greenergy is now able to supply customers with high biodiesel blends at competitive prices.

Q: Where does Greenergy source its biofuel?

A: We use the most sustainable waste cooking oils sourced from around the world as feedstock for our manufacturing operations. These oils might otherwise be taken to landfill, be burnt as waste or illegally poured down drains.

With our suppliers, we are able to demonstrate traceability back to the restaurant or source where the waste cooking oils and food waste were collected.

If you are considering lower carbon fuels such as B20 or HVO for your business, contact us on **+44 20 7400 4797** to learn more about our offer.

Q: What is prompting the increased demand for B20?

A: The UK maintains strict biofuel supply obligations, as defined as Renewable Transport Fuel Obligations. These obligations almost doubled in 2018, and will continue to rise until 2032. This increases the amount of waste-based biofuels that can be blended into fuel in the UK and also introduces a maximum cap on the proportion of crop-based biofuels that can be blended. High percentage biodiesel blends are more cost effective than standard diesel, leading to rapidly growing demand for these higher percentage biodiesel blends amongst fleet users.

Q: Is supply an issue?

A: Greenergy maintains a global supply chain of feedstock to meet demand for biofuels. In 2018, we also acquired a third manufacturing facility in Amsterdam that once converted to process waste based oils in 2019, will provide further capacity.

Q: What are the benefits of B20?

A: As a biodiesel blend, B20 has no more impact on air quality than standard diesel, whilst offering an immediate CO2 saving at a very low level of investment.

In 2016, Transport for London (TfL) and Low Carbon Vehicle Partnership (LowCVP) commissioned a project to rollout B20 biodiesel on nearly one third of the TfL bus network as a cost effective CO2 reduction measure.

This project concluded that the benefits of B20 are:

- » Highly economical, with noticeable cost savings compared to diesel
- » No measurable increase in fuel consumption based on real trials
- » No observable increase in emissions
- » Negligible additional ongoing vehicle maintenance costs

B20 Q+As

Q: What do I have to do to start using B20?

A: There are various steps that will need to be taken before converting your fleet to B20, including:

- » Review your vehicle warranty positions from vehicle Original Equipment Manufacturers (OEMs) to understand if engine is certified for B20 use.
- » Bulk diesel storage tanks will require cleaning prior to conversion, and ongoing regular inspection will be required. This is standard practice, but is particularly important with a higher blend of biodiesel.
- » Additional filtration may be required prior to dispensing from the bulk storage tank

Q: I want to learn more about using higher percentage biofuel blends.

A: Both Transport for London (TfL) and Low Carbon Vehicle Partnership (LowCVP) are supportive of higher biodiesel inclusion rates given the cost savings, and environmental benefits.

The London Lord Mayor is also very supportive of adopting higher percentage biofuel blends, and more details on the Mayor's Biodiesel Programme can be found here:

www.london.gov.uk/what-we-do/environment/waste-and-recycling/mayors-biodiesel-programme

Q: Where is B20 currently available?

A: B20 is currently available on the Thames. Greenergy is the UK's only national fuel supplier, so if you are outside of this region, please contact us to discuss your requirements.

Q: Is B20 the highest percentage biofuel?

A: No, unblended biodiesel (B100), a product that is derived from waste and meets the most stringent quality criteria, is also available from Greenergy's biodiesel facilities.