

FREQUENTLY ASKED QUESTIONS ABOUT BIO DIESEL

1) What is Biodiesel?

Biodiesel is a fuel made from plant oils and can come from any of the following:- waste vegetable oil, rapeseed oil, soybean, animal fats or algae.

2) Which is Eco Drama's fuel made from?

Recycled waste cooking oil, sourced from takeaway restaurants in and around Glasgow.

3) Will my car smell like a takeaway?

Sometimes, yes. Get used to the hunger pangs.

2) Can it be used in any car?

No, the vehicle must have a diesel engine.

3) Can I use 100% Biodiesel in my car?

Yes. However you also have the option to blend it with mineral diesel.

4) Do I need to alter the engine in any way?

No, Biodiesel can be used in just the same way as ordinary mineral diesel and you can pour it straight into the engine tank. You do however have the option to modify your car with a Two Tank Conversion.

5) Is Biodiesel sustainable?

Some manufacturers use food crops to make their Biodiesel – you might have noticed some fuel station pumps blending in Biodiesel with Diesel at 5%. This is not sustainable sourcing and could result in food shortages; the 'food v's fuel' debate is very contentious.

It is recommended that people use Biodiesel made from waste cooking oil, for example from local takeaway restaurants. By recycling used vegetable oil, you will be helping the environment by preventing the waste from going to landfill sites, and taking the pressure off of our dwindling diesel supplies. Not to mention burning oil in your engine that has lower CO2 emissions and toxic gases.

6) Is it illegal to use Biodiesel?

No. However note that using it may invalidate a vehicles warranty, so drivers of vehicles still under manufactures warranties fill their tanks with Biodiesel at their own risk.

7) Anything else to know about vehicle maintenance?

Biodiesel is an excellent detergent and it is recommended that drivers of older vehicles should replace the fuel filter of their vehicle after the first few tanks of biofuel. This is simply because Biodiesel will clean any dirt that has collected in the fuel system and it might cause the fuel filter to clog.

8) Why is Biodiesel better than normal mineral diesel?

- Carbon emissions are approximately 85% lower compared with mineral diesel
- Virtually no sulphur dioxide (a major contributor to acid rain)
- Lower emissions of carbon monoxide, hydrocarbons and particulates
- Recycling waste oil prevents it from being dumped in landfill, reducing methane emissions.
- It's cheaper - visit Apple Fuels for current prices, or make your own!

* Source: "How to make biodiesel", Low Impact Living Initiative, Winslow 2005

8) Where can I source Biodiesel?

a) You could learn how to make your own - there are lots of useful sites on the internet to help you get started

or...

b) Visit **Apple Fuels** in Glasgow – www.applefuels.co.uk

9) Any further questions?

Give Emily at Eco Drama a call, we have been using Biodiesel in our touring van since 2010 and happy to share the knowledge and learning from this time.

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