

BIOFUEL IN GREENERGY

PETROL & DIESEL

15th September 2011 - 14th October 2011

We blend biofuel into all of the petrol and diesel we supply up to the limits set by the quality standards EN228 and EN590.

Biodiesel

This month the biodiesel blended into the diesel we supplied in the UK was derived from the following feedstock:

FEEDSTOCK	% OF BIODIESEL SUPPLIED	% CARBON SAVING OVER MINERAL DIESEL
Used cooking oil	100%	84%
Biodiesel weighted average		84%

Used cooking oil and tallow

We continue to favour used cooking oil and tallow biodiesels because, as by-products of the food production industry, they offer the greatest greenhouse gas savings.

We have invested in changes to our biodiesel plant in order to process biodiesel from used cooking oil and tallow more efficiently. This has allowed us to significantly increase our access to biodiesel derived from waste products.

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Bioethanol

This month the bioethanol blended into the petrol we supplied in the UK was derived from the following sources:

FEEDSTOCK	% OF BIOETHANOL SUPPLIED	% CARBON SAVING OVER MINERAL PETROL
Corn	87%	43%
Sorghum	13%	38%
Bioethanol weighted average		42%

Corn

The corn in the bioethanol we used this month was grown and processed in the USA.

We have worked with our US suppliers to understand the greenhouse gas savings from the bioethanol they produce, looking at fertiliser use as well as energy used in processing and transport. This work showed for these suppliers a greenhouse gas saving averaging 43%.

Sorghum

Sorghum is an alternative grain crop grown in hot, dry countries. The sorghum that we used this month was grown and processed in the USA, where it has a limited growing season.