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From: Rodney Berry [REDACTED]
Sent: Thursday, 18 June 2015 9:13 PM
To: biofuels
Subject: Biofuel mandate for Queensland Discussion paper (June 2015)

Good morning,

I would like to make a submission in response to this discussion paper.

This paper has been written with common sense & thought for consumer choice, particularly learning lessons from the last time ethanol was "pushed in the market".

I am happy that choice is being maintained.

A much better approach in my view.

One issue is always invariably not addressed when ethanol is discussed.....the slow damage caused by the hygroscopic nature of ethanol.

Surely, this should also be included in the environmental impact.

These items (fuel pumps, fuel tanks, fuel lines, injectors, oil sludging & engine damage from excessive moisture) often contain copper, nickel, plastics & electroplated materials.

Given the large numbers of vehicles on the road, the potential volume of materials from failed/corroded components can be significant.

Has an estimation of this been made? How are the materials to be environmentally disposed of/recycled?

I believe that the resistance to ethanol is primarily because (via the internet & word of mouth) that people are very aware of the slow (and often costly) effects of moisture corrosion on motor vehicles. The inconvenience of breakdowns are an added factor for many, as most vehicles are used for functional transport.

Recently, I read an advertisement in the Automotive Engineers (IAEME) member journal for June 2015. The advertisement was from Manildra, with the tone set from the CEO.

After reading this report previously:

<http://www.industry.gov.au/Office-of-the-Chief-Economist/Publications/Pages/An-assessment-of-key-costs-and-benefits-associated-with-the-Ethanol-Production-Grants-program.aspx>

I was amazed at the over representation from the Manildra ad.

Taking my experience of many years of engineering qualifications & experience, 'over representation' is the best I can say for that 'ad'.

Thankyou for the opportunity to provide input on this subject.

regards

Rodney Berry
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