

Fuel for Thought

State of Origin - Queensland!

At QER we had another reason to celebrate this week besides the gritty QLD State of Origin win, after our New Fuels Development Centre produced its first batch of Queensland-made ultra-low sulphur diesel.

We believe it's the first time in the world that any oil shale plant has produced finished transport fuels from a single, end to end process and we're delighted with the outcome.

Our ultra-low sulphur diesel is a direct replacement for normal retail diesel. After the diesel fuel quality has been verified in a laboratory it will be used in a series of planned truck trials aimed at providing a 'real world' confirmation of its performance and qualities.

As with any new fuels our product needs to undergo stringent testing and monitoring, but our initial testing has provided very positive results and we're confident it will meet all requirements.

QER sees our industry as having a strong future in Queensland, particularly as our Paraho II™ technology and process is particularly suited to the production of heavy transport fuels, primarily diesel and aviation fuel.

Diesel will make up around 50% of the fuels we produce from the kerogen oil we extract from oil shale, with another 30% aviation fuel, and the remainder involving some naphtha (petrol) and light fuel oil.

Diesel is the lifeblood that keeps our communities connected, puts groceries on the shelves and keeps our economy running. At QER we're excited about being part of ensuring a reliable supply of transport fuels for our State.

Queensland is the largest user of diesel in Australia, which is not all that surprising given the distances we have to travel and the use of diesel in major industries such as agriculture, mining and tourism.

Diesel has the highest energy density of all common fuels, which is a major factor in its overwhelming dominance as a fuel for heavy vehicles. According to the Bureau of Stats diesel accounted for over 99% of the more than 6 billion litres of fuel consumed by rigid and articulated trucks in Australia in 2012.



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Creating new fuels for Australia

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