

### EFFECTIVE AND SAFE REMOVAL OF TANK RESIDUE

Oz Future Fuels produces fuel from a wide range of waste oil. The company makes fuels by converting waste engine oil back to a base oil for reuse. Old oil is fractioned off by different treatment methods and repackaged into multiple specific use lubricants.



Oz Future Fuels on-site hydrocarbon recycling plant

The company says it has become an industry leader in the area of onsite waste hydrocarbon oil recycling and reprocessing technologies for mines, councils or remote communities.

Conversion of waste oil uses a catalytic cracker which uses tanks that need to be thoroughly cleaned at regular intervals due to a heavy carbon deposit that accumulates as a result of the process.

“The frequency of carbon removal varies with the type of oil that is being treated,” said Oz Future Fuel’s Alan Lear. “At least every two to three weeks we had to physically get into the tank to scrape and chisel the carbon out – a very dirty, time consuming and potentially damaging method.”

“Using a standard sandblaster is too abrasive and dusty. Using a Sodablast cooking soda system is totally clean and safe – non toxic and much cleaner. Its gentle yet efficient action lets us clean the carbon thoroughly without danger of damaging any of the probes within the tank. These are critical level indicators and other monitoring devices such as temperature probes that would be easily damaged with aggressive blasting media.”

“In addition, manual cleaning could never get the tank walls and sensors as clean – the sodablasting process gets the tanks and components super-clean. It’s had a major impact on the efficiency of our business.”

“Oz Future Fuels’ business focus is based on the development of low-emission technologies achieving substantial reductions in greenhouse gas emissions. By scaling innovation technologies that are compact and transportable, we can provide services to some of the largest carbon contributors in the most remote regions of Australia.” Our expertise in the area of waste hydrocarbons and emission reduction technology has ensured we have the necessary resources and IP knowledge to address the requirements of the Carbon Pollution Reduction Scheme,” Alan added.

Sodablast Australia’s Kevin Berridge said, “Gasification plants that produce fuel gas from biomass all experience the same carbon residue problems. Soda blasting is the logical solution for these operations.”

Oz Future Fuels has received an AusIndustry Commercial Ready Grant to build an oil and fuel dispensing facility targeting remote island communities, plus supplied over 350 environmental waste storage and evacuation units to Local Governments throughout Australia.

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