De-Bug Build World's Largest Diesel Fuel Decontamination Unit

The largest diesel fuel decontamination unit in the world, manufactured by De-Bug International Ltd of Petone, was recently installed in the Cossack Pioneer, a 267m x 5 1 in x 25m oil carrying vessel owned and operated by Woodside Petroleum and Exploration, a West Australian company.

The L50,000 De-Bug unit, with a capacity of 50,000 litres per hour, is ABS (American Bureau of Shipping) approved, was built to the ship owners' specifications and was fitted when the vessel was in Singapore.

The De-Bug unit, patented in 27 countries, works by exposing the diesel fuel to magnetic forces as it passes through the unit, literally bursting open the contaminating bacteria and killing them. The magnets are effective because they disrupt the microbes' delicate

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balance of negatively and positively charged fluids that keep the cell alive and whole. Although a biocide might kill the bacteria, they remain essentially whole. The De-Bug rips them apart into pieces, small enough to pass through fuel filters to be burned as a part of combustion.

The De-Bug units, available in sizes down to 40 litres per hour, have been fitted to boats, truck fleets, cars, power stations, etc and require no maintenance except for draining accumulated water from the bowl periodically. There are no elements to replace, no moving parts and the units are manufactured in Petone

of aluminium, magnets and plastics.

With sales increasing considerably and 98 per cent of production being exported to Australia, South-East Asia, Europe, Nauru, the Caribbean, America and, indirectly South Africa, De-Bug International Ltd have recently moved to larger premises on the Hutt Road with easier access for the large trucks collecting export orders. The company has also appointed a new distributor for the South Island Heney Engineering of Nelson.

Further information is available from De-Bug International Ltd, P.O. Box 38 100, Wellington Mail Centre.