

Diesel project gets fired up

A REVOLUTIONARY diesel injection system is one of the many fascinating entries in this year's award.

The system allows engines to be converted from petrol to diesel with only minor alterations to the engine cylinder head and electronic control unit.

The injector uses a multi-stage, hydraulic-electronic fuel delivery system which creates high injection pressures almost five times higher than common-rail injection systems.

Its inventor, Ron Kukler, claims the Green Diesel system reduces fuel consumption by up to 30 per cent compared to conventional injection systems.

"A much cleaner combustion process occurs when fuel is injected at high pressure, resulting in improved engine performance and reduced emissions," Ron said.

"The Green Diesel system dramatically decreases the harmful particulate matter emitted by diesel engines, enabling stringent



Running time: a GM-H Alloytec, 3.6-litre, V6 petrol engine converted to diesel will be on display at Henty.

European and US clean air legislation to be met."

Ron said the technology could also be fitted to existing diesel engines with similar benefits.

The Green Diesel system has already won a number of awards, including an Australian Technology Showcase Patrons Award earlier this year and a gold medal at last year's Salon International Des

Inventions in Geneva, Switzerland.

Ron said a number of multinational companies had shown interest in the technology, particularly in the wake of soaring fuel prices.

"This technology is suitable for trucks, trains, marine, heavy equipment and, of course, passenger cars and four-wheel-drives," Ron said.

Earlier this year, Green Diesel Corp issued its second share offer following last year's initial public offering, which was heavily oversubscribed.

The current offer, which hopes to raise \$1 million to help commercialise the system, will close at the end of next month.

For more details, phone Ron on 0402 846 986.