

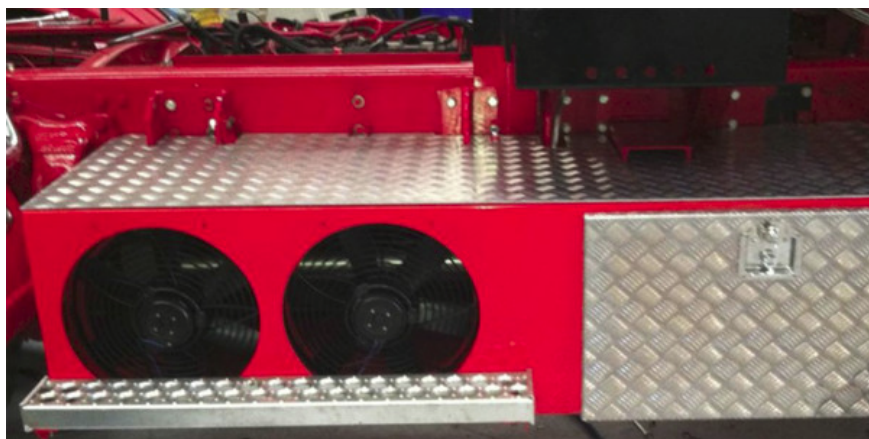
TruStar Energy Thinking about CNG fuel for your Fleet?

IntelliGas for More Efficient CNG

April 14, 2014 in CNG, Companies, NGVs by Rich Piellisch | No Comments

Better Fills for More Onboard Gas Without Heat Penalty

Australia-based IntelliGas is bringing its technology for more effective use of compressed natural gas for heavy vehicles to the U.S. The firm applies hydraulic intensifier technology to pre-chilled CNG to quickly fill trucks without a thermal penalty – effectively allowing more gas to be carried in fewer tanks.



IntelliGas CNG 'Booster'

"We can get 50% more fuel onboard in the same space on a truck," says NaturalDrive veteran John Mitton, who is heading the Queensland-based company's operation in North America.

IntelliGas equipment, the company says, effectively increases the energy density of CNG from just 20% of diesel's to some 37%.



IntelliGas technology allows this Western Star T-4800 with 15-liter Westport HPDI engine to run on CNG rather than the normally required LNG. The vehicle is fitted with an IntelliGas CNG Fuel Pack mounted vertically behind the cab, a horizontal CNG Fuel Pack, and CNG Booster mounted horizontally on the chassis rail.

today's systems.

"Fast fill and 100% fill equates to more gas sales and reduced driveway congestion for the service station owner," IntelliGas says, with "more fuel per fill with increased travel time between fills for the vehicle owner."

"These patent-pending technologies, which have been proven in Australia, will be significant game-changers for the US market," Mitton told F&F.

Beyond road vehicles, IntelliGas has been approved to bid on the historic conversion of 31 Chicago-area locomotives operated by the Indiana Harbor Belt Railroad to CNG.

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Source: IntelliGas with Fleets & Fuels follow-up

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