



**COMPRESSED NATURAL GAS AS FUEL
FOR FIXED AND MOBILE ENGINES**

WWW.INTELLIGAS.COM.AU

The IntelliGas Truck

The demonstration truck in the photograph is a Western Star T-4800 fitted with a 550 HP Westport HD engine which is based on a Cummins ISX 15 litre diesel engine. The Westport engine uses both CNG and diesel fuel. CNG is injected directly into the engine at 300 barg (nominal) along with a small quantity of diesel (averages 7%) as a pilot fuel. The truck is fitted with an IntelliGas CNG Fuel Pack mounted vertically behind the cab, a horizontal CNG Fuel Pack and an iGas Booster system mounted horizontally on the chassis rail.



The Westport engine fuelled with CNG displays the same power and torque characteristics as the same engine fuelled with 100% diesel, with similar efficiency and fuel consumption outcomes. The engine produces robust performance in high ambient temperature applications, is capable of high load factor operation, and is emission certified to Australian Design Rules.



***GREENHOUSE
FRIENDLY***

***Greenhouse gas
emission reduction of
27% is achieved with up
to 95% diesel
displacement by CNG.***