

Case Study – United Gonninan

Application

- New South Wales Hunter Railcar

Specification

- Diesel Multiple Unit, 145Km/hr passenger train
- Cummins QSK19R rated at 559kW at 2000rpm
- Cummins Auxiliary 6ISBe-G1 rated at 150kW at 1300rpm

Benefits

- Customised cooling platform engineered to provide 30,000hrs of operation with minimal maintenance

Solution

- Fully customised cooling solution comprising
 - Copper/brass heat transfer cores for engine coolant circuits
 - Ultraseal technology for charge air cooling at elevated turbo temperatures
 - Full stainless steel super structure, built to last 30 years
 - Pin Fin technology for fuel cooling
 - Electric fan drive with all wiring terminated to quick fit plugs

Volume

- 7 x 2 car sets in continuous operation.

