

Case Study – MTU Detroit Diesel Australia

Application

- [Hitachi EX3600-5 repower](#)

Specification

- Hydraulic Excavator repower from Mitsubishi engine to MTU engine
- MTU 12V2000 rated at 1400kW @1800rpm

Benefits

- The MTU powertrain solved premature engine failure problems being experienced by the end user
- Air Radiators cooling solution provided additional cooling required by the MTU engine in the same machine footprint

Solution

- Double bank cooling solution comprising
 - Copper/brass engine cooling, all circuits
 - Multi Dimple fin for maximum cooling and minimum fouling
 - Solder coated heat transfer cores for corrosion protection

Volume

- 38 units supplied for repowers in Australia and the USA

