

# Case Study – Hitachi Construction Machinery

## Application

- EX5600-6 Excavator and Shovel

## Specification

- 540 ton above ground Excavator or Shovel
- 2x Cummins QSK50C, Tier 2 rated at 1119 kW@1800rpm per engine

## Benefits

- Heavy Duty cooling package independently validated to 7G load on 3 axis
- Life costs of the cooling package are understood thus increasing a machine availability for the end user

## Solution

- Cooling platform designed and built to last
  - Copper/brass engine cooling for all circuits
  - Utilises MD Fin profile for maximum heat rejection and minimum fouling
  - Uncompromised steel structure design to last the complete vehicle life

## Volume

- 126 units (63 vehicles) supplied since 2010

