

Case Study – Harsco Track Technologies

Application

- BE_KR Ballast Regulator

Specification

- High production, multi gauge design for effective operation when cleaning, clearing, and distributing ballast.
- Cummins QSB 6.7 Engine rated at 194kW at 2200rpm

Benefits

- Whole of life cooling solution designed and manufactured to last the life of the maintenance vehicle
- All cooling completed through single fan airflow, minimising parasitic power load on the engine

Solution

- Panel and Plenum cooling solution comprising;
 - Copper/brass heat transfer for all engine cooling
 - Hydraulic cooling via pin fin technology
 - Steel cooler for fuel cooling

Volume

- 4 units constructed in 2012

