

Case Study – Lubrication Oil Coolers

Application

- Sundyne LMV311 Pump gearbox lubrication oil cooler

Specification

- Oil cooler to operate in 60°C ambient air temperature
- Mineral Oil – 17Litres/min, Oil temp in 71°C Oil out temp 65°C
- Unmanned remotely monitored application

Benefits

- Thermal software validation of equipment design and specification
- Rugged cooler design for minimum maintenance and operational reliability
- Plug and play integration with pump package skid connections

Solution

- Heavy Duty cooling package with material certification and traceability to international standards
 - Unique PinFin wire wound heat transfer technology
 - Uncompromised steel structure design to last the operational life of the equipment
 - Hazardous environment compliant cooling package with FRAZ impeller

