

## Design and Application Review Activity: Cooling System

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**Description:**

You are a reliability engineer working on an offshore oil and gas rig. Your client complained that their new Seawater Cooling system isn't providing sufficient cooling for four diesel engines.

The diesel engines are used as drives for the centrifugal pump that transfers crude to shore. That description and the enclosed data is all you have.

Please see **the Design Specifications and Operating Data Sheets**.

**Exercise:**

Use the Design and Application Review methodology to find a solution.

Design	Actual