Case Study

Pumps

Summary

Industry:	Rail
Application:	Gorman Rupp Pumps
Actual Saving:	Reliability
Payback Period:	Immediate

Reliable Pumps Lead to a More Reliable Train Service

ISSUE

Our client within the rail industry was experiencing continuous failures at their remote pumping station. The client has three pump sets with the purpose of draining water from the tracks into a large containment well, if the well starts to fill, pump one will start to drain the tank. In heavy rain pump two will kick in to support, and in severe periods of rain pump three can kick in, so all 3 pumps are required to drain the tank.

The issue was that two of the pumps had already failed leaving just one pump set operational. If this pump failed the line could flood, meaning trains would need to slow down over the flood area causing delays, and depending on the severity of the weather the trains might have to be cancelled altogether.

SOLUTION

The ERIKS team were brought on site and they quickly discovered that the pumps were obsolete and regularly failed. The client up to this point had been engaging the repairer to manufacture new parts to keep the pumps running.

Understanding the costs of continual repair, as well as the risks associated with obsolete equipment, ERIKS recommended replacement with Gorman Rupp pumps, which were a better fit for purpose and have a greater support for maintenance and repair.

The installation of the pumps involved complex lifting to the location, but with ERIKS experience the team rose to the challenge and they were successfully installed with no issues for the client.

OTHER BENEFITS

- Experienced installation
- Reliable and supported equipment
- Downtime significantly reduced

FURTHER COMMENTS...

With the three new and reliable pump sets the client no longer has to worry about the financial impact of the resulting delays and cancellations caused by obsolete equipment.

MORE INFORMATION

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