



Summary

Industry:	Oil & Gas
Application:	Hydraulic power pack
Actual Saving:	8,000 a day
Payback Period:	Ongoing



ERIKS Hydraulics Increases Plant Efficiency & Reliability

ISSUE

ERIKS were contacted by our sister company, Calor Gas regarding an issue with their hydraulic power pack. The unit drove a rotating table through a set of guide rollers which were connected to a hydraulic motor.

The speed control mechanism was no longer functioning correctly and the drive rollers had grooves worn into them causing the belt to lose tension. Calor Gas were losing £8,000 in downtime per day and so a solution was urgently required.

SOLUTION

After examining the hydraulic power pack and rollers, ERIKS Fluid Power technical engineers suggested the unit needed to be overhauled to overcome the tension and speed control issues.

Once sent to the workshop it was agreed that the existing belt system would need to be redesigned and replaced with a hydraulically driven gearbox and sprockets on the output shaft, this would in turn drive the central column with a chain, improving overall efficiency.

OTHER BENEFITS

- Easily maintained and accessible unit
- Reduce breakdowns
- ERIKS know-how

FURTHER COMMENTS...

Calor Gas were overjoyed with the overhaul, tension and speed control improvements, and more importantly the improved reliability & efficiency.

MORE INFORMATION

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know-how makes the difference