



Summary

Industry: Utilities
Application: Belt fitting maintenance
Actual Saving: £5,000 per annum ongoing
Payback Period:



Best Practice Installation Improves Reliability

Simple cost effective solutions saves thousands and increases performance

ISSUE

A Utilities company were looking after all the HVAC and fan units in a large hospital, they found that the wedge belt drives were not performing as well as they thought they should be with the life of some drives being as little as 6- 8 months! The contract meant that they worked on a fixed price and any failures were eating into their GM for the whole contract.

SOLUTION

A site visit was organised for the ERIKS sales person and the Drives Core Competence Centre Technical Specialist to inspect the problematic drives.

During the survey it was also noted that all of the pulleys on the fan drives were very badly worn and the belt tensions were not as recommended in the Fenner Drive Design and Maintenance Manual. This was brought to the attention of the customer and a "tool box" training session was organised.

During this training session a small number of drives which were re-installed with the help of the Technical Specialist from the Core Competence Centre for Drives. Allowing him to demonstrate how to use both the Fenner laser alignment tool and the Fenner belt tension indicator and to highlight the problems worn pulleys can contribute to the inefficiency and reliability of your overall drive set up.

OTHER BENEFITS

- Belts are now fitted to perform at optimum efficiency
- Increased drive reliability
- Simple cost effective solution

FURTHER COMMENTS...

ERIKS not only supply the product best suited to the applications but are also on hand to provide training and guidance to customers' engineers on how to fit and maintain the drive to give maximum life and efficiency. The belt drives being fitted now will give much longer life and also run more efficiently than the old worn units.

MORE INFORMATION

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