



Summary

Industry:	Pharmaceutical
Application:	Cooling Tower Drive
Actual Saving:	£
Payback Period:	



Obsolete Parts Sourced to Repair Aging Cooling Tower

ERIKS provides solution when faced with obsolete parts, to repair a critical cooling tower at a chemical plant.

ISSUE

A leading Pharma Manufacturer in the North East of England was presented with a problem on one of their cooling towers. Traditionally cooling towers are driven by a centrally mounted gearbox connected to a foot mount motor by means of a spacer coupling, this would be of standard steel construction.

The cooling tower was over 20 years old and the flexible coupling elements had worn out and the hubs had corroded. There were no obvious identification markings to be seen, and even if a manufacturer could have been identified the likelihood was that the spares required would no longer be available.

SOLUTION

ERIKS were contacted and were able to quickly identify a complete new coupling assembly that would solve the problem.

The Rexnord Addax Composite Coupling was specified, with bored and keywayed stainless steel hubs to fit the existing motor and gearbox shafts. The composite centre member was able to provide the exact same distance between shaft ends (DBSE) which made the new Addax Coupling a "drop in" replacement.

OTHER BENEFITS

- Stainless steel hubs eliminate corrosion resulting in longer service life
- Composite flex element, no lubrication and longer service life
- Composite centre which was at least 50% lighter than the equivalent steel version
- Reduced bearing loads
- Reduced vibration at high speed

FURTHER COMMENTS...

The coupling was supplied within 2 weeks and successfully installed.

MORE INFORMATION

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