



Summary

Industry:	Food and Drink
Application:	Flygt Mixer Pumps
Actual Saving:	£4500
Payback Period:	4.3 months



Premature Pump Failures Solved

Reliable in-house technical support designs out failures

ISSUE

A customer was using Flygt mixer pumps to mix and pump factory effluent, however the pumps were failing at a rate of approximately three pumps per year, showing evidence of dry running on the mechanical seal.

SOLUTION

After investigation by an ERIKS pump application engineer the conclusion was that the unit is vortexing - this is a phenomenon caused by the mixer pump being too near to the surface of the product. The pump drags in air, as a plug would do in a bath, which causes a swirling motion. This then leads to dry running of the mechanical seal.

With this in mind the unit was fitted with a modification called a jet ring, this allows the pump to be situated nearer to the surface of the product, allowing the pump to run correctly.

OTHER BENEFITS

- Maintenance cost savings
- Reliable solution
- In-house technical support

FURTHER COMMENTS...

MORE INFORMATION

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know-how makes the difference