



Summary

Industry:	Building Service
Application:	Bucket Elevator
Actual Saving:	£<3 Months
Payback Period:	



SRB Plummer Block Housings from Revolve Reduce Failure

Providing a significant reduction in plant downtime

ISSUE

A customer in the aggregate processing industry had been experiencing on-going bearing failures due to heavy soil & water ingress. The application was partially submerged in water and was frequently flooded. This meant downtime due to bearing failures, causing lost hours in production and arrears backlog for major customers.

Premature bearing failures led to 5-8 hours for changeover due to the location of bearings and relevant risk assessments being carried out prior to the maintenance being carried out. This added time and cost into a critical part of the process.

SOLUTION

Supporting the local ERIKS Service Centre, it was possible for an ERIKS application engineer to give a practical demonstration on the features and benefits of Revolve SRB (Split Roller Bearings) units in favour of traditional plummer block arrangements.

From this demonstration, the customer requested a quotation and placed an immediate order for two SRB units utilising the walker seal arrangement to which gives a more robust sealing solution when bearing units are partially submerged.

OTHER BENEFITS

- Increased Efficiency
- Reduction in maintenance costs
- Significant Reduction in Plant Downtime

FURTHER COMMENTS...

Bearings have been in situ in excess of twelve months and no failures have occurred during this time.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

know-how makes the difference