

Case Study

Bearings



Summary

Image: None.png

Industry:	Metals
Application:	Waste Water Clarifying Plant
Actual Saving:	£N/A
Payback Period:	<12 Months



In-House Slewing Ring Manufacture from ERIKS

Tailor made slewing ring assembly and superior sealing solution increase reliability

ISSUE

An ERIKS customer was suffering reliability issues on one of his applications. The customer had a section of plant called a clarifier which processed waste water. The clarifying plant allows the separation of waste water from solids prior to re-processing or discharge. The current application was using a competitors slewing ring assembly which failed due to breakdown of rolling element spacer material and water ingress. This, with a combination of in-effective grease selection, caused premature failure.

SOLUTION

A visit to the customers' site to view the application showed the need for a more robust sealing arrangement for the slewing ring assembly. Previous supply of this type of bearing was from manufacturers who offered standard product and not a bespoke design service. Revolve, an ERIKS group company, was able to offer a tailor made slewing ring assembly, a far superior sealing solution and offer guidance on a suitable grease to be used in conjunction with the new bearing design. The bearing manufactured in a reduced lead-time and also at a far more competitive price to the customer.

OTHER BENEFITS

- Flexible delivery
- Reduced downtime to commission new bearing
- In-House bearing manufacturer support

FURTHER COMMENTS...

The customer was extremely happy with the level of service received from ERIKS & Revolve. This has shown the level of quality product that can be designed and manufactured using ERIKS own in-house bearing manufacture and has given the opportunity and confidence to look at further applications on site.

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

ERIKS