

Case Study

Bearings



Summary



Industry:	Pharmaceutical
Application:	Toxic waste tank
Actual Saving:	£undisclosed
Payback Period:	undisclosed



Aggressive Environments Call for Revolvo SRB

Split roller bearing increase performance and reliability

ISSUE

A global supplier of development and manufacturing services for intermediates and formulations to the Pharmaceutical Industry, API (Active Pharmaceutical Ingredients) were looking to change bearings on their toxic waste tank. They contacted ERIKS Gateshead to source an alternative solution to the current split roller bearings which were failing.

SOLUTION

The bearings on their main mixing and balancing toxic waste tank support a 4m long agitator paddle that would have had to be removed to fit standard bearings. As this is a toxic tank, removing the paddle would have taken approximately four weeks to drain followed by a further four weeks to clean and detox to allow safe access for the maintenance staff. This repair time is reduced to only two days as by using split bearings the need to remove the shaft and detox is negated.

The branch staff discussed the benefits of Revolvo SRB units over competitor models, in particular the enhanced SRB cage design that retains lubricant within the machined brass roller pockets allowing the bearing to operate at higher temperatures and faster speeds.

The customer ordered two of the complete 4½" bearings that were delivered to site from stock allowing the repair to be carried out in less than one week - a time saving of seven weeks.

OTHER BENEFITS

- Installation and maintenance-friendly
- Increased performance
- High performance in aggressive environments

FURTHER COMMENTS...

The service from ERIKS was great, we raised the enquiry with a number of suppliers and not only were ERIKS the most competitive but the only company to offer us any sort of added benefit. A site visit was arranged to discuss the application with our fitters where advice was offered on correct installation and lubrication.

Mark Pollard
Maintenance Engineer

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

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