



Summary

Industry:	Mining and Quarrying
Application:	Trunion Wheel on Conveyor Belt Bogey
Actual Saving:	£800
Payback Period:	<12 months



Late Penalty Fines Resolved With Revolve Split Roller Bearings

Increased and reliable performance saves time and money

ISSUE

A customer at a distribution depot for the aggregate industry was experience bearing failures on a conveyor belt bogey, which transfers aggregate from a rail depot to bin locations within the aggregate quarry.

If a bearing failure occurred whilst a train was in the yard some 86 trucks of aggregate at 76 tonnes per truck stood idle and unloaded until the bearings were replaced. This resulted in penalties for late delivery and also rail scheduling issues.

SOLUTION

In collaboration with ERIKS Core Competence Centre for Drives - who were looking at the Power transmission element of the bogey - a suitable solution was advised by way of the Revolve Split Roller Bearing with a more robust sealing arrangement.

This provided the customer with a superior performance bearing, reduced downtime and less penalties incurred.

OTHER BENEFITS

- Reduced Downtime
- Cost saving on Maintenance
- Increased Performance
- Superior Sealing

FURTHER COMMENTS...

The bearings have not been replaced since changeover was done. The customer has since increased their tonnage capacity to keep up with customer demands and as such requested and placed orders for a medium sized split roller bearing to increase his capacity. This also has now been commissioned.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

