

# Case Study

## Bearings



### Summary

<b>Industry:</b>	Mining and Quarrying
<b>Application:</b>	Primary Conveyor Drive Drum
<b>Actual Saving:</b>	£N/A
<b>Payback Period:</b>	<12 Months



## Maintenance Schedules Dramatically Reduced

Revolvo Split Roller Bearings increase plant productivity

### ISSUE

A customer in the aggregate industry was experience bearing failures on the main drive drum of their primary conveyor which transported aggregate from train trucks to designate silo's.

The bearing was captive between a coupling and the drive roller. This caused major issues when bearing failure occurred in having to remove motor, gearbox & coupling to gain access to the bearing. This also resulted in arrears build up of aggregate awaiting despatch to customers.

### SOLUTION

After a site visit by an ERIKS application engineer a bearing solution was offered in the form of an Revolvo Split Roller Bearing. This would allow easier access for inspection on a preventative maintenance programme, and also allow easier changeout of the bearing when required without the need for removal of power transmission equipment, re-alignment of said equipment and up-surge in downtime and costs.

### OTHER BENEFITS

- Increased Productivity
- Reduced downtime
- Reduced Maintenance costs

### FURTHER COMMENTS...

The bearings have been in situ in excess of 12 months. The customer now periodically inspects the bearings in a fast, more efficient manner, and thus keeps maintenance costs down on this particular application.

### MORE INFORMATION

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