



Summary



Industry:	Mining and Quarrying
Application:	Primary Crusher Main Drive
Actual Saving:	£N/A
Payback Period:	<12 Months



Split Roller Bearings Reduce Plant Downtime

Superior sealing solution extends bearing life even further

ISSUE

A customer within the mining & aggregate industry was experiencing belt wear on both belts and pulley sets due to heavy loads and misalignment. The current set up of pulley, belts and shaft were being supported by 2 plummer blocks which were driven by a tyre coupling.

The application experienced excessive vibration during operation which in turn was causing premature failure. This, coupled with the maintenance time required for bearing change out, increased cost considerably on an already exhausted budget.

SOLUTION

A visit by the local ERIKS Service Centre Manager and Revolve Technical Manager highlighted the performance characteristics and cost savings that can be made on downtime by utilising a Revolve SRB bearing arrangement with a Kevlar Gland Packing Seal. This sealing arrangement offers a far superior sealing solution, thus extending the bearing life.

Whilst commissioning the Revolve SRB bearings the question of lubrication was raised and the customer was alerted to the correct quantity and frequency of greasing, providing further savings and reducing purchasing costs on grease.

OTHER BENEFITS

- Reduced Downtime
- Increased Efficiency
- Better Sealing Solution

FURTHER COMMENTS...

The successful installation of the Revolve SRB units has shown the practicality of the SRB bearing assembly, the efficiency with which the units can be monitored and/or changed in addition to the ease of maintaining the units.

MORE INFORMATION

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