



Summary



Industry:	Quarrying & Mining
Application:	SRB
Actual Saving:	£288,000
Payback Period:	Undisclosed



ERIKS Provide a Quick and Easy Solution for a Brick Manufacturer

A SRB Replacement Ensures Plant Shutdown is Avoided

ISSUE

The single shaft mixer in a large brickwork had a collapsed spherical roller bearing in a plummer block housing.

Due to the position of the bearing, the gearbox and coupling had to be removed first to allow access to the bearing. This process usually takes between 24 and 48 hours to complete.

However, without the single shaft mixer, bricks can't be made which leads to plant downtime.

SOLUTION

ERIKS provided the right solution to the problem at the right time avoiding plant downtime.

The existing bearing and housing was cut off the shaft, and was replaced by an SRB. This ensures the bearing can be replaced quickly when necessary without the need to remove any part of the drive chain.

To complete the project, a Simalube auto lubricator was also fitted to ensure the correct lubrication schedule is regularly applied without the need to stop the mixer for access with a grease gun.

OTHER BENEFITS

- Reduced downtime
- Reduced inventory
- Accurate lubrication
- Reduced bearing changeover time
- Improved lubrication efficiency

FURTHER COMMENTS...

The inevitable 24-48 hour long shutdown of the plant has been avoided.

Engineering Manager

MORE INFORMATION

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