



Summary



Industry: Waste & Recycling

Application: Top Filler

Actual Saving: £undisclosed

Payback Period: Undisclosed



Split Roller Bearing from Revolve Improves Reliability

ERIKS replaced a bearing with a long term low maintenance Split Roller Bearing for a waste and recycling client

ISSUE

ERIKS were approached by a waste and recycling customer who were experiencing regular bearing failures. The bearing was located within a split plummer block housing and due to the nature of the industry, frequent problems occurred in the Top Filler.

The issue arose from waste entering the bearing, as it was used in a high temperature application it was causing significant health and safety issues. This in addition, to the frequent and extended downtime, they contacted ERIKS for a suitable solution to improve reliability.

SOLUTION

After examining the Top Filler, ERIKS offered a Revolve Split Roller Bearing. The split to the shaft construction of the new unit meant the customer did not need to cut the shaft whenever a problem occurred, making installation quicker and more efficient reducing downtime considerably.

ERIKS engineers visited the site, specified the exact solution which included an enhanced sealing material to improve performance further, this combined with the quick installation, enhanced reliability and ease of lubrication, made it a perfect solution.

The bearing has now been in situ for more than a year and is performing well, reducing breakdowns and bearing changes. The customer has specified the split roller bearing on a cross belt application and is looking for other areas in the plant.

OTHER BENEFITS

- Improved reliability
- Available in short lead time
- Quicker, simpler installation
- Improved sealing solution

FURTHER COMMENTS...

The engineering supervisor is happy with the upgrade and reduced bearing changes for this application.

MORE INFORMATION

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