



Summary

Industry:	Other
Application:	Ship Un-loader
Actual Saving:	£143,200 (Euros)
Payback Period:	



Quicker Installation, Superior Sealing

Revolvo Split Roller Bearings significantly reduce plant downtime

ISSUE

A large dry bulk terminal in Rotterdam which specialises in the unloading and storage of coal and iron-ore were experiencing reliability issues with the spherical roller plummer block bearings on their ship un-loader.

Each failure resulted in four days downtime to change the bearing, as the coupling and gearbox also needed to be removed, as well as hiring the necessary crane and scaffolding - all of which was proving very costly.

SOLUTION

Following a discussion with the ERIKS and Revolvo application engineers it was suggested that the existing spherical bearings should be replaced with Revolvo Split Roller Bearings.

Not only would Revolvo SRB Split Roller Bearings provide a superior sealing solution, preventing the ingress of dust and water, but they would also slash downtime from 4 days to just 4 hours. The split to the shaft design allows the bearing to be quickly changed in-situ, eliminating the need to remove the coupling and gearbox, thus removing the requirement for crane and scaffolding, which in turn provides the customer with a huge saving in lost production.

OTHER BENEFITS

- On-site technical support
- Innovative solution to reduce costly failures
- Significant reduction in plant downtime
- Premium Quality brand replacement for increased reliability

FURTHER COMMENTS...

The customer was extremely pleased with the innovative solution provided that would not only reduce production downtime periods, but also extend bearing life, and lessen failures by providing an improved sealing solution.

MORE INFORMATION

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