



## Summary

<b>Industry:</b>	Chemical
<b>Application:</b>	Fan Application
<b>Actual Saving:</b>	£280,000 (Euros)
<b>Payback Period:</b>	



## Revolvo Split Roller Bearings Cut Downtime

Future bearing replacement costs slashed

### ISSUE

A large petro-chemical company based in Antwerp were experiencing prolonged downtime with bearing failures on their cooling tower fans. With 25 similar applications across the site, the two days downtime suffered for each failure was unacceptable. To make matters worse, failures increased during the summer months as the original bearings selected by the OEM were susceptible to water ingress due to ineffective seals.

### SOLUTION

Following a site visit by the local ERIKS service centre and Revolvo application engineer, they suggested the best solution would be to change the existing OEM bearings to Revolvo SRB Split Roller Bearings.

Installing Revolvo SRB Split Roller Bearings reduced the site downtime from two days to two hours, the split-to-the-shaft feature enables the bearing to be fitted without requiring access to the shaft ends, therefore removal of the drive and fan impellor is not required. Instead, the SRB bearing is assembled around the shaft, saving hundreds of Euros in unnecessary downtime. As removal of the drive components is unnecessary, the costs incurred hiring expensive scaffolding and cranes are also saved.

In addition the Revolvo SRB split roller bearings also provide a more effective sealing arrangement, preventing the ingress of dust and water during operation, eliminating contamination as a source of premature bearing failure.

### OTHER BENEFITS

- Innovative bearing and seal solution to solve on-going failure problem
- Simple bearing replacement - future bearing replacement costs slashed
- Significant reduction in plant downtime
- On-site technical support

### FURTHER COMMENTS...

The customer was extremely pleased with the innovative solution provided that would not only reduce production downtime periods, but also lessen failures by providing a much improved sealing solution

### MORE INFORMATION

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