



## Summary



<b>Industry:</b>	Food and Drink
<b>Application:</b>	Green Bucket Grain Elevator
<b>Actual Saving:</b>	£N/A
<b>Payback Period:</b>	<1 Month



## Maintenance Issues Significantly Reduced with SRB

Increased reliability and productivity provides customer savings

### ISSUE

A vertical bucket elevator transferring malt into a germinating vessel was causing major issues when stoppages occurred due to bearing failures. Water ingress from rain - wash down cycles - allowed failure of bearings to happen within weeks of installation.

This made line stoppage times into steeps/germinating vessels increase, running from hours into days, whilst craneage was brought in to support change-out of bearings. The costs of pre and post malting meant consistency in production was affected, resulting in the cost of replacement bearings being negligible.

### SOLUTION

Following a site visit and survey with the main site engineering manager, a four bolt SRB flange unit was specified with a single split rubber seal - which increased the bearing life - reducing downtime and subsequent maintenance costs, reducing the customer's overall maintenance budget. In addition to this design change it was possible to convert this particular application to a suitable OKS grease from the standard range.

### OTHER BENEFITS

- Increased Productivity
- Reduced Downtime
- Reduced Maintenance Costs

### FURTHER COMMENTS...

For the past eleven months the bearings have been performing maintenance free and offering no issues. The grease specified from the OKS range of lubricants is still performing to expectations whilst also offering an on-going financial saving against previous grease used.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

Tel: 0845 006 6000

Web: [www.eriks.co.uk](http://www.eriks.co.uk)