



### Summary

<b>Industry:</b>	Metals
<b>Application:</b>	Conveyor Drive
<b>Actual Saving:</b>	£n/a
<b>Payback Period:</b>	n/a



## Drive Unit Repair for Conveyor Line

ERIKS help customer avoid 18 -22 weeks of downtime with drive unit repair

### ISSUE

The customer, a large steel producer, experienced an onsite failure to a conveyor drive unit that transported coal from the yard up a conveyor and into the plant for distribution to the furnaces. The drive unit failed because the conveyor anti run back device had failed when the line was loaded with over 500 tons of product that was sitting on an incline. The drive unit internals held for a short period of time until the teeth broke and then due to the momentum of the conveyor with the load, the internal gearing stripped away.

### SOLUTION

ERIKS were contacted and collected the drive unit. A strip down inspection revealed the drive unit had sustained a catastrophic failure and needed a full set of internal running gears. This drive unit was obsolete and a new equivalent drive was on an unacceptable lead time of 18 - 22 working weeks.

ERIKS were able to trace a full set of internal gears for this old drive unit which were installed into the unit as part of a full overhaul on a breakdown service, allowing the drive unit to be overhauled and returned back to site within 48 hours.

### OTHER BENEFITS

- Decreased downtime
- Emergency support

### FURTHER COMMENTS...

ERIKS know-how and technical ability ensured the customer saved from a huge decrease in downtime with the unit returned in 48 hours rather than 18 - 22 weeks.

### MORE INFORMATION

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know-how makes the difference