



## Summary

<b>Industry:</b>	Metals
<b>Application:</b>	Long Travel Crane Drive Unit
<b>Actual Saving:</b>	£n/a
<b>Payback Period:</b>	n/a



## Gearbox Repair for Loading Crane

ERIKS ensures drive unit is repaired in time for consignment delivery

### ISSUE

The customer, a large steel producer, experienced a failure on a gearbox on their long travel crane in their loading bay. The drive unit had been overloaded whilst in the process of moving some product around the bay. The load had become unstable and put added strain onto the drive unit; with the added loading the input pinion drive shaft sheared and separated from the drive.

### SOLUTION

ERIKS collected the drive unit from site and returned it to one of their Repair Workshops in Dudley. On a strip down inspection ERIKS found that the input pinion drive shaft had sheared and broken in two. The drive unit was no longer available to purchase and spares were no longer manufactured by the OEM. ERIKS were able to fully assess the drive unit and offer recommendations to the customer.

ERIKS in-house gear manufacturing and repair facility ensured that the drive unit was returned within a short period to ensure a scheduled shipment of consignment product could be off loaded at the customers site.

### OTHER BENEFITS

- ERIKS in-house gear cutting and repair facilities ensured a speedy and cost effective turnaround on the drive repair.

### FURTHER COMMENTS...

ERIKS in-house gear manufacturing and repair facility were able to offer the customer the solution to fully overhaul the drive unit, which included manufacturing a new set of primary gears to suit the drive. The unit was fully overhauled and returned to site prior to the shipment of product arriving so the customers engineering team were able to reinstall and commission.

### 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)