

CASE **STUDY**

HAYLEY 247 DEXIS

**COMPLETE
COMPLEX GEARBOX
REFURBISHMENT
FOLLOWING COMPLETE
FAILURE**

CS056



HAYLEY
DEXIS

HAYLEY DEXIS

MECHANICAL ENGINEERING SERVICES // PLASTICS

Focus on **value**

**TRACK
UP**

KEY VALUE AREAS



SPEND



INCOME

THE SITUATION

On behalf of the HAYLEY DEXIS branch in Seaham, a HAYLEY 247 DEXIS engineer attended a customer's site to diagnose a concerning issue with an 8T twin-shaft extruder gearbox. The site visit determined that the unit needed prompt attention.

However, it formed part of the main production line and would take 3 days to remove. As it happened, just days later, a primary bearing failure led to catastrophic gear damage and the breakdown of the unit.

urgently produce replacement spares. The lead time on the job was set at 4 weeks as major work was needed to completely overhaul and test the unit before reinstalling it on-site.

THE SOLUTION

Team HAYLEY 247 DEXIS responded by working days and nights to strip down this highly complex gearbox design whilst receiving guidance and vital help from the gearbox OEM. The inspection found gears to be badly damaged.

Lamond & Murray, our in-group precision gear manufacturing specialists, were called upon to

THE RESULT

By working with the extruder gearbox OEM and Lamond & Murray, HAYLEY 247 DEXIS were able to combine the expertise and capabilities of all parties to overcome significant material and logistical



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”

challenges. As a result, the unit was delivered back to the customer's site and reinstalled on the line by the promised date, at a significantly lower price than a contemporary replacement for the obsolete unit would have cost.

The pooling of skills from across the DEXIS group enabled the customer to return their production line to operation within exceptional timescales, considering the amount of work required.

CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

www.hayley-group.co.uk/branch-finder.

KEY RESULTS

Expertise combined to deliver complete solution.

Challenging timescales met to minimise downtime.





HAYLEY

DEXIS