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Value Added



Income

operational efficiency
improved

Case Study

Hayley 24/7 & DMS Deliver Complex Engineering Services at Train Maintenance Depot

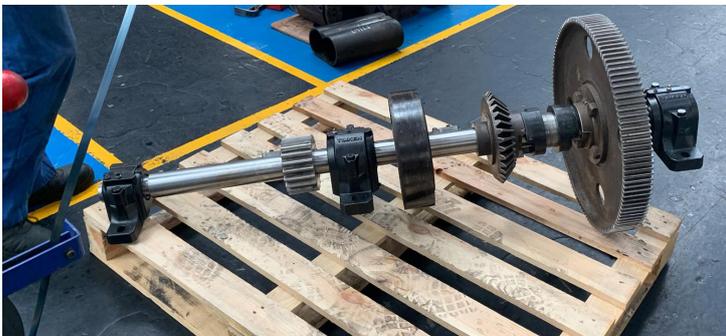
The Situation

The customer, responsible for a train maintenance depot in the North of England, needed to return a dated train turntable back to full service. As a major facilities and service provider to the railway and sidings industry, the customer was keen to restore the turntable to its former glory, as it had not been working to its full potential in some years.

The Solution

It was found that only a handful of this type of historic turntable was still in-use across the UK rail network. This, along with the fact that the customer required the job to be completed in just 12 days, meant that the joint engineering expertise of Hayley 24/7 and DMS teams would be tested.

The teams set to work quickly on identifying the components involved, to either source like-for-like replacements or plan the machining work needed. Critical components including shaft assemblies, bearings, gearboxes, motors, and couplings were meticulously removed from the turntable during the work. They were then either shipped to the workshop for machining or replaced with contemporary substitutes.



The Result

The pre-determined project plan was executed successfully by those involved in conducting the machining work, identifying, sourcing and fitting new-for-old component replacements, and also managing the complex logistics involved. The teams from the Hayley 24/7 Dudley workshop and DMS collaborated effectively to ensure that the project was completed within the challenging time constraints.

The engineers at the depot are now able to power-up and use the turntable with a full load. This has enabled them to boost their own productivity and the efficiency of their collective maintenance operation, while improving the reliability of the turntable as a more direct result of the work completed.

Key Results

Complex refurbishment work completed.

Operational efficiency boosted significantly.

