

case study

RESQ

## SPIRAL BEVEL GEARS IN RECORD TIME FOR WORLD-CLASS IRON ORE EXTRACTOR

A leading iron ore extractor was potentially facing consequential losses of A\$1M per day when gear units problems surfaced and the OEM quoted a six month delivery time for their replacement.



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There was great concern when cracks were discovered in the spiral bevel wheel gearboxes which load the ships with iron ore in the company's Western Australian mines. Any loss of production would carry a heavy price tag and the company was sure it could not hold out for the extended lead time quoted by the German manufacturer.

Luckily David Brown had a plan to leverage its international capacity and deliver replacements in only two and a half weeks. The helical bevel gears were manufactured in Huddersfield and shipped around the globe in an exemplary spirit of cooperation between David Brown's Australian and UK operations. Having exceeded customer expectations in the first stage of the project, the company is now engaged in an ongoing project to replace similar equipment on site as the need arises.

The world-class asset manager operates and maintains mining, rail and export facilities in the northwest of Western Australia on behalf of its asset owners.

"This contract is a good demonstration of the importance of a global presence in the market," said David Brown's Tom Cross. "We have first class facilities and experience across the globe and our customers are able to tap into this wherever they are located."

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Through a network of nine mines, three ports and the largest privately owned railway in the world, the company handles more than 130 million tonnes of iron ore annually. It provides unrivalled scheduling flexibility, reliability, competitiveness, responsiveness and value for customers in the global iron and steel industry.

This contract is just the latest example of how the cross promotion of products and services within David Brown is creating real solutions for customers as well as winning new business.



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