

CASE STUDY

BIRRANA™ ENHANCED WHEEL GROUP SUPPLY

H-E PARTS INTERNATIONAL (H-E PARTS) PROVIDES SOLUTIONS FOR THE ENTIRE DRIVETRAIN, SPECIALIZES IN THE RE-MANUFACTURE OF MAJOR MOBILE EQUIPMENT COMPONENTS, AND OFFERS INDUSTRY LEADING BIRRANA™ PRODUCTS. THE ENHANCED DESIGN FEATURES OF THE BIRRANA™ PRODUCTS DELIVER EXTENDED LIFE, EASE OF MAINTENANCE AND SUPERIOR PERFORMANCE.

H-E Parts were contacted by major coal miner in New South Wales, Australia to assist in supplying and repairing components for their Caterpillar haul truck fleet. H-E Parts had the capability to offer and subsequently supply a complete range of Birrana™ enhanced wheel groups and associated innovations, which enabled less downtime to be consistently achieved. As a result, H-E Parts have now supplied our Birrana™ enhanced front and rear wheel groups for the customers various fleets spread across multiple sites for many years, which include Caterpillar 777, 785, 789 and 793 haul trucks.

H-E Parts are committed to continuous improvement of their Birrana™ wheel groups through a dedication to improving performance, reducing cost per hour, and ensuring on time deliveries to minimize downtime for our customers. The Birrana™ brand is backed by a dedicated engineering Centre of Excellence based in Adelaide, Australia that ensures global re-manufacturing and distribution centres adhere to global best practices and are supported with the latest technical advancements. This allows re-manufacturing of components back to zero-hour life and lets our customers benefit from H-E Parts globally developed knowledge and expertise, which deliver extended component life, increased ease of maintenance and superior performance.

The wheel groups incorporate H-E Parts proprietary Birrana™ enhancements, such as:

- Birrana™ control fit wheel bearing system, which includes flexible spacer, custom bearing design and specifications, and proprietary preload adjustment.
- Birrana™ contamination control which includes isolation seals, contamination guards, and contamination kits

H-E Parts has now delivered 230 front and rear wheel groups to the customer and in excess of 1000 into the Hunter valley region. Due to the long-term success of the supplied Birrana™ enhanced wheel groups, the customer has also requested additional components for their Caterpillar ancillary equipment such as COR Cooling™ radiator assemblies, StaTerra Power™ engines, transmissions, final drives and differentials.

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| CUSTOMER | Coal Miner |
| LOCATION | New South Wales, Australia |
| APPLICATION | Haul Trucks |
| PRODUCT | Birrana™ wheel groups |



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