



## Bradken

*Pacific Hydraulics is proud to be a trusted service provider to Bradken, supplying them with quality hydraulic products and technical advice.*

Renowned within the industrial sector for their impressive competence in engineering, Bradken is one of the world's leading providers for mining equipment parts, including mill liners, crawler systems and wear monitoring systems. Operating a global network of foundries, Bradken manufactures bespoke cast and fabricated iron and steel products to suit the needs of their industrial clients.

Part of the Hitachi Construction Machinery Co, Bradken has facilities across the globe, including a plant in Ipswich Queensland.

The Ipswich facility had been using a Rexroth PV7 Variable Vane Pump as part of its manufacturing operation. The pump had stopped working and Bradken contacted Pacific Hydraulics to assess the pump and offer an appropriate solution.

A Pacific Hydraulics Service Technician attended site and quickly determined that the pump was completely worn out and not serviceable. Pacific Hydraulics recommended that the unit be replaced with a Danfoss Series 45 L Frame 25cc Hydraulic Pump.

The Danfoss replacement unit was in stock and was quickly commissioned for the project requirements. However, to implement the new unit, a new shaft would also be required. Fortunately, Pacific Hydraulics has significant stock holdings of spare parts and a suitable shaft was quickly picked from stock and shaft conversion was performed at our Authorised Danfoss Service Center located at Richlands.

The new Danfoss hydraulic pump, complete with new shaft was installed on site in the fastest possible time frame, getting the plant back up and running with minimal disruption.



**Company:** Bradken

**Project:** Repair or replace a failing Rexroth PV7 Variable Vane Pump

**Solutions Proposed:** Supply and installation of a Danfoss Series 45 L frame 25cc Hydraulic Pump

**Implementation:** A Pacific Hydraulics Service Technician attended site and performed a complete pump change over and commissioning service

**Special Challenges:** The new Danfoss unit required a shaft conversion to mirror the Rexroth PV7 unit. Thanks to Pacific Hydraulics large stock holding of spare parts, the change-over was able to happen same day

**Project Outcome:** The Danfoss Series 45 25cc Hydraulic Pump is continuing to operate to maximum efficiency

**Talk to Pacific Hydraulics today to discuss your service and repair needs. Call us on 1800 644 511.**