

SUCCESS STORY

BLUE POWER



DRIVE SPECIFICATIONS

V-belt drive with two 5/8VBP1800 BLUE POWER banded belts operating at 1600hp.

INDUSTRY

Oil and Gas

APPLICATION

Mud Pump

COMPANY PROFILE

Offshore Platform Drilling Operator

PROBLEM

Drilling operations needed to drill at depths of 35,000 feet. They were experiencing issues with belt slippage and the belts were not able to withstand heavy shock loads. The pump would lose fluid circulation and operations would cease at half the required depth. A day's worth of downtime can cost over 1 million dollars. The customer was so fed up with the maintenance and costs that he was ready to switch to a chain driven mud pump.

SOLUTION

Optibelt BLUE POWER, 2 each 5/8VBP1800

RESULTS

Before the customer committed to switching to chain drives OPTIBELT suggested trying BLUE POWER. 2 sets of 5/8V1800 Optibelt BLUE POWER were used as a direct replacement. With the added grip of a rubber impregnated fabric cover and rotary vulcanization quality properly distributing the 1,600 HP, BLUE POWER proved more than capable.

BLUE POWER v-belts have shown improvements in:

- Improved belt life. And lower failure rates
- Substantially more grip strength in the sheave because of rubber impregnated fabric wrap.
- Ability to power through depths of 35,000+ feet
- Large improvement in the belts ability to withstand shock loads.
- Increased rig productivity throughout the year due to fewer maintenance cycles.