



## WE'VE GOT YOUR BACK BEFORE YOU STACK

Full-service hydraulic equipment refurbishment

Don't fall victim to costly onsite repairs or heavily worked, abused equipment. No matter what the market environment, sending your hydraulic power unit (HPU) out on your stacked rig without refurbishment can increase downtime and associated costs.

Your HPU is the heart of your drilling rig, and time spent out of service leaves its components weak. Exposure to the elements or improper storage can further damage your stacked or aged HPU—even making it unrepairable.

### **Comprehensive Diagnostic**

Hydraulic Systems can diagnose and repair your HPU or other hydraulic equipment at one of our two fully equipped locations. Every system is completely or partially torn down to ensure that all components are checked thoroughly, and are repaired or replaced as needed. This helps minimize your costs by only replacing what's needed and helping you get your system back up and running.

### **Oil Analysis**

Before running any equipment, Hydraulic Systems performs a five-point inspection to ensure all hydraulic oil meets the specification of the valve or pumps it carries. If it's not up to spec, we will remove all the oil and hand-clean the tank, change all the filters, add new oil, or filter the original oil back into the reservoir if it's salvageable.

### **Component Analysis**

Our test bench can assess the lifespan of your motor or pump by capturing gallons per minute and maximum system pressure. By better understanding the life of the component, we can determine how well it's functioning and whether it needs to be replaced. Our expert team repairs any seal leaks or internal damage they discover throughout testing. If a component is rebuilt, it will undergo pressure testing to ensure it's operating at maximum capacity.

### **Hoses, Quick-Disconnect, and Gauge Analysis**

Hydraulic Systems reviews hoses, gauges, and quick-disconnect to check for oxidation and test pressure, helping to ensure your crew is safe and your HPU is in running order.

To optimize your HPU performance and get answers to your hydraulic system questions, contact your Hydraulic Systems representative or call 832-791-5006 to schedule an appointment.

