

Why Pay for Unnecessary Repairs, Seal Replacements and Bearing Jobs?

Best PumpWorks, with our 5 Point Pump Reliability Program, reduces unexpected outages and unnecessary downtime by attacking the root of your reliability problems.

1 Grade 'A' Repairs

All Reliability Programs Should Begin by Bringing Primary Equipment to OPTIMUM Condition

- Best PumpWorks repairs are not just bearing, seal and shaft replacements
- We perform a **COMPLETE** review of both the mechanical and hydraulic condition of EACH unit
 - Material selection
 - Condition of register / pilot fits
 - Mechanical seal design / materials
 - Bearing selection (clearance and cage material)
 - Lubrication method

2 Mechanical Seal Repair

Proper repair and selection of mechanical seals by a team of professionals who understand both seals and pumps is critical to achieving long term reliability in short order

- BPW repairs **ALL** mechanical seals **IN HOUSE** at our **FULL** service mechanical seal shops
- Design and materials reviews are conducted on seal failures and recommendations made
- Each seal repair is followed with a detailed seal failure and evaluation report
- Chronic seal failures are addressed immediately

3 Information

Reliable information about your pumps that can be quickly and efficiently accessed is key to prompt decision making and achieving increased MTBR

- Data on all repair and field activities are logged by equipment tag number
- Equipment parts, operation and maintenance documents are filed and updated regularly
- Reliability of each pump and seal is tracked overtime to highlight "bad actors"



POINTS TO INCREASE PUMP RELIABILITY

4 Condition Monitoring

Mechanical performance data on rotating equipment, including sufficient trending history, is the foundation of a reliability program that not only addresses failure modes, but prevents the failures BEFORE they cause outages

- Vibration, temperature and pump performance data is collected regularly for both **PREDICTIVE** and **PREVENTATIVE** purposes
- Results are summarized for easy customer review and rapid decision making
- Data maintained for life of contract for true historical trending of reliability and performance

5 Precision Alignment and Lubrication

Failure to properly lubricate and align rotating equipment is the PRIMARY cause of pump and motor bearing failures

- All BPW field technicians are equipped with the latest laser alignment equipment
- Each alignment is recorded by pump tag / date and filed for customer reference
- BPW reviews equipment design and service requirements and recommends proper oil / grease grades
- Field technicians check lubrication levels on each route and change oil per BPW SITE PM schedule

The 5 Points to Increase Pump Reliability guarantee the peace of mind that comes from the Best PumpWorks
CORE - Complete Onsite Reliability of Equipment

Best PumpWorks
CORE
COMPLETE ONSITE RELIABILITY OF EQUIPMENT



DELIVERS



Best PumpWorks CORE Reduces Unexpected Outages and Unnecessary Downtime by Delivering Pump Reliability Onsite

- Class "A" pump repairs and maintenance
- Class "A" mechanical seal repairs and maintenance
- Full failure analysis and recommendations on each repair
- Full record of all site activities – on line
- MTBR / MTBF tracking software
- Fixed cost for standard range of activities

On Line Database Developed for All Customer Pump Equipment

- Original specification details
- Mechanical drawings
- Seal drawings
- Installation, operation maintenance manuals
- Parts lists
- Repair and MTBR history
- Available 24 hours a day

Preventive Maintenance

- Monthly vibration collection and analysis with on line report
- Laser alignments with online report
- Temperature readings (pump and motor) with online report
- Maintain proper lubrication levels
- Lubrication changes per OEM intervals

Repairs (Pumps and Seals)

- Repairs completed on site billed at standard daily rate or overtime rate
- Repairs completed at BPW Service Centers billed at service center standard or overtime rates

Contract Maintenance Services

- Best PumpWorks repair and maintenance services are available on a project-by-project basis or by contract. Whichever the customer chooses
- Best PumpWorks contract maintenance programs reduce total operating expenses while ensuring resources are efficiently implemented to meet maintenance and repair requirements.
- CORE programs are tailored to meet your specific requirements. Investment in a small project-by-project or large complete contract is designed to provide the best use time and resources and level of work the customer requires. Contact us today for maintenance service information and pricing.

For after-hours service, call 1-888-626-7470

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Check out our inventory of over 4,000 new, used and surplus pumps at www.bestpumpworks.com

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