



CONDITION MONITORING SERVICES

Expanding our best-in-class suite of industrial rotating equipment design, rerate, repair, and manufacturing services.

Condition Monitoring services include:

- Routine vibration data collection, analysis, and reporting
- Equipment troubleshooting and health checks
- Shop and field support for repairs
- Post maintenance run-in checks
- Field balancing and phase analysis
- Access to reports using the NEST i4.0 Network (see reverse)



Falcon EX Ultimate intrinsically safe vibration analyzer



Falcon wireless tri-axial vibration accelerometer sensor

Why implement Condition Monitoring in your facility?

- Reduce maintenance and repair costs
 - Detect defects early to minimize catastrophic equipment failure
- Increase equipment reliability and efficiency and extend equipment life
- Diagnose and resolve the "bad actors" list
- Mitigate unscheduled shutdowns and associated production losses
 - Enable advance planning and material ordering
- Focus on plant safety



For more information, please email:
condition.monitoring@phoenixpumps.com



phoenixpumps.com

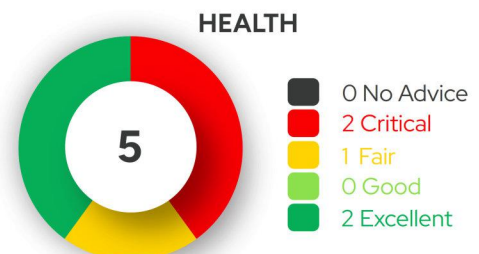
NEST i4.0 NETWORK

Predictive Maintenance Software Platform

This cutting-edge tool helps you manage the health of your industrial machinery by using data from vibration measurements, coupled with its artificial intelligence engine, to provide real-time automated diagnostics - helping to optimize equipment performance and reliability.

Key features and uses:

- **Predictive maintenance:** Helps monitor the condition of rotating machinery to determine when maintenance actions are needed, reducing unexpected failures.
- **AI-powered diagnostics:** Uses its Accurex™ AI engine to automate analysis and provide diagnoses, making it accessible to everyone involved in maintaining machinery in operational conditions, even users without deep vibration analysis expertise.
- **Holistic overview:** Provides a web-based interface that displays the health of machines across one or multiple sites, giving managers a complete view of operations.
- **Automated reporting:** Offers customizable, automated reports with actionable data to support decision-making.



17 Years

Vibration
Expertise

ISO CAT III

Vibration
Certification

40 Years

Industrial &
Municipal Experience

40 Years

Mechanical
Background

Diversified industry experience including mining, semi-conductor, power generation, and municipal.



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