

Inspection / Monitoring / Shutdown

Rotating Equipment Predictive Monitoring & Analysis



- Wireless Predictive Vibration
- Wired Predictive Vibration Transmitter
- Online Condition Monitoring
- Portable Multichannel Analyzer
- Handheld Vibration Analyzer



Cooling Tower & Gearbox Predictive Monitoring

- Online Condition Monitoring
- Handheld Vibration Monitoring



Slow Speed Bearing Monitoring

- Online Condition Monitoring
- Handheld Vibration Monitoring

Structural, Pipe, Valve & Process Equipment Monitoring

- Wireless Predictive Vibration
- Online Condition Monitoring
- Portable Multichannel Analyzer
- Handheld Vibration Analyzer
- Compressed Air Leak Detection Surveys



Turbine Monitoring & Shutdown

- Protection System
- Digital Overspeed Protection
- Condition Monitoring System
- Portable Multichannel Analyzer
- Handheld Vibration Analyzer
- AMS Suite: Machinery Health Software



Electrical Equipment Inspection

- Infrared Thermography Surveys
- Ultrasonic Surveys
- 3-Phase Power Quality Monitoring
- Motor & Motor Circuit Testing – Offline
- Electrical Signature Analysis – Online
- Transformer Oil Analysis
- AMS Suite: Integrated software compatible with FLIR™ & FLUKE™



Oil Analysis

- Oil Lab Service
- On-Site Mini Lab
- At Asset Portable Viscometer
- At Asset Portable IR FluidScan (for dissolved water detection, oil spectrum)
- AMS Suite: Integrated software compatible with 3rd party oil labs and Spectro analyzers



Equipment & Structure Motion Studies

- 3D ODS Modeling
- Motion Amplification

Correction

Dynamic Field Balancing

- Computerized Field Balancer
- AMS Suite: Balancing History

Laser Alignment

- Field Laser Alignment
- AMS Suite: Alignment History

PdM Programs

- Training – Onsite, Offsite, Certifications
- Mentoring & Consulting
- Audits & Surveys
- Asset Ranking
- Equipment Acceptance Testing
- CMMS Integration
- Machinery Health to Control System Integration
- AMS Suite: Software Setup
- AMS Suite: Software Optimization

Note: CMMS and / or Control System Integration is available for most items.

Lubrication Programs

- Training – Onsite, Offsite, Certifications
- Mentoring & Consulting
- Audits & Surveys
- Lube Room Design

Contamination / Water Prevention

- Desiccant Breathers
- Hydroguard Hybrid Breathers
- Rebuildable Steel Breathers
- Non-Desiccant Breathers
- Extreme Duty Breathers
- Adapters Kits
- Quick Connect Systems
- Oil Sampling Hardware
- Lube Storage Rooms
- Fluid Handling Systems
- Labeling Systems

Contamination / Water Removal

- Diesel Engine / Mobile Equipment Filter
- Dedicated Filter Systems
- Water Separators
- Vacuum Dehydration Systems
- Portable Filter Carts

Reliability Strategy Software

- Reliability Simulation and Modeling
- Reliability & Maintenance Strategic Planning
- Preventative Maintenance Optimization

Reliability Training Solutions

- Reliability Concepts
- Hands On PdM Training – Onsite - Offsite
- Hands On Tradesman Training – On-Site



Mechanical Seals

- Chesterton
- US Seal
- Pac Seal
- Durashield Air Seal



Hydraulic Seals

- Chesterton
- MFP
- Hydraulic Cylinder Repair
- Others

Mechanical Seal Repair

- All Major Manufacturers



Protective Coatings

- Metal Repair
- Tank Lining
- Concrete Composite
- Chesterton ARC Products
- Greenstone Polymers



Pump and Valve Packing

- Chesterton
- Sepco
- Palmetto



Environmental Controls

- Enviroseal
- Kytola Flow Meters



Industrial Lubricants

- Chesterton Cleaners & Degreasers
- Chesterton Metalworking Fluid



Gaskets-Sheet / Cut / Roll

- Flexitallic
- Intertex
- Frenzelit
- Garlock
- Sealco



Lubrication Management

- Chesterton Lubricup
- Spectro Scientific
- Des-Case
- Fluid Life



Bearing Isolators

- Chesterton

Machine Guarding Solutions

- Uniguard Pump Guards
- Belt Machine Guards
- Unclear Shaft Guards



Pumps

- Blackmer Centrifugal
- BJM Submersible
- Liberty Process Progress Cavity
- Grundfos
- Pitbull
- Flowrox
- Lobeline



Universal Shim™

- Tab Shim, 300 stainless steel
- Fits all standard A, B, & C tab shim applications
- Fits wide range of NEMA frame sizes



Pump Parts

- All Major Manufacturers
(We are not affiliated with the OEMs.)

- Products and services shown are provided by Novaspect in Northwest Indiana, Northern Illinois, Wisconsin and Upper Peninsula Michigan.
- Novaspect is a Chesterton Distributor.