Motor Management for Improved Reliability

Motor Management Program Purpose

- Unscheduled downtime reduction
- Improved reliability
- Prevention of catastrophic failures
- Reduction of maintenance costs
- "Lessons Learned" by tracking historical data



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Best Practices

- Equipment Identification and Criticality
- Predictive and Preventive Maintenance Practices
- Repair Specifications and Controls
- New Motor Specification and Controls
- Inventory Content
- Physical Storage and Preventive Maintenance
- CMMS Functionality
- Data Analysis and Management



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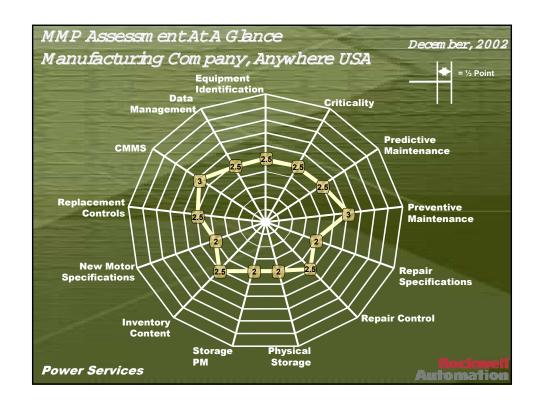
Capabilities Assessment

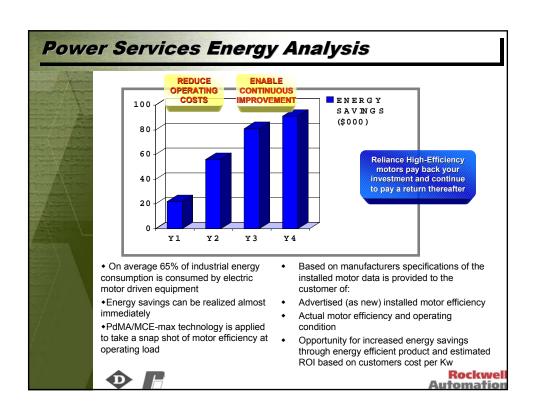
- •Each facility is unique in their maintenance and asset management practices.
- •Generally a maintenance department will have some level of Best Practices in place based on their historical maintenance methods and unique facility needs.

A detailed assessment with regard to established industry Best Practices will promote clear identification of areas that have the greatest room for improvement and provide the greatest return on investment.



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Summary

For maximum electric motor and power transmission component reliability:

- Start with equipment of the proper specification for the application
- Identify, acquire and properly maintain appropriate spares
- Identify and use applicable predictive technologies and preventive maintenance programs
- Ensure that repairs are performed to the highest standard
- Record and trend pertinent data



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Taking Motor Management to Market

- ◆RA Owned Service Center Sales Force
- ◆Certified Service Providers EASA Service Providers & Distributors
- ◆Key Distribution Channel Partners (Motion/AIT/Kaman)



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