

# Motor monitoring guide



## Key indicators of motor health

- Balance
- Looseness
- Alignment
- Bearing failure



## 3 common reasons motors fail

- Bearing wear
- Misalignment
- Incorrect lubrication



## Protect your motors

- Identify early faults
- Extend equipment life
- Schedule repairs in advance
- Cost-effective machine maintenance
- Minimize lost production time



Motors power every other piece of equipment in plants across all industries, and maintaining motor health helps prevent unscheduled shutdowns and minimize lost production time. Monitoring vibration improves the reliability of your motors and maximizes operational efficiency.

## Recommended monitoring solutions

Consideration	Solution	Product
Bearing wear	Trend overall	PCH420V PC420-ATP 786A and iT300 786A
Alignment	Monitor 2x running speed	PCH420V 786A and iT300 786A
Lubrication	Monitor for high speed energy	PC420-ATP 786A and iT300 786A

## Ideal markets and applications

- Pulp and paper mills
- Power generation
- Oil and gas
- Wind turbines
- Wastewater treatment