



Reliability 360

# Early Detection Avoids \$210 Million in Lost Plant Productivity

## MAINTENANCE & MACHINE HEALTH MONITORING CASE STUDY

### OEM & Manufacturer



**Material Handling**

**\$766M Revenue**

**Products**

- Electric Lift Trucks
- Materials Handling Solutions
- ASRS Systems & Solutions
- Automated Guided Vehicles

**Maintenance Maturity**



### Plant Improvement Opportunities

**Reducing Unplanned Downtime**

**Shortage of Skilled Labor**

**Completing PM Tasks & Compliancy**

**PdM Implementation & Knowledge**

### ATS Labor & Technology Solutions



#### Supplemental Maintenance

Our quick, surge support services provided this manufacturer with the technical expertise needed to supplement their team and quickly regain control of PMs, reducing reactivity. After identifying challenges in maintenance practices, spare parts, and on-site skillsets, ATS proposed technology solutions, enabling the manufacturer to improve and sustain performance.



#### R360™ Machine Health Monitoring

Following success with ATS surge support services, ATS was chosen as their strategic partner to provide condition-based monitoring across 205 assets. Within the first 60-days of delivery, ATS Condition Monitoring Experts identified and averted 5 critical failures, and provided key insight to improve reliability across 15 additional assets.

Early detection, and daily ongoing monitoring and guidance of a defective gearbox prevented 3 months of plant downtime and saved the manufacturer over \$210 million in production loss.

**Sensor Types:** Vibration

**Equipment Types:** Gear Boxes Motors Pumps

### Success Within the First 5 Months



# 205

Assets Monitored



**2,000 HRS**  
Avoided Downtime



**\$210,000,000**  
Avoided Losses



#### Reduced Reliability Risk

As a single source for industrial maintenance, technology, and parts, ATS can reduce failure risk across their operations.

By stocking critical replacement parts and establishing a repair program, this manufacturer could reduce their failure risk from \$210M to \$45K.

### Partnership Growth

Our **R360™ Machine Health Monitoring** provides expansive condition monitoring, effectively mitigating unplanned downtime and enhancing asset reliability. Additionally, our maintenance and parts support services ensure timely execution of preventive tasks and keep plants on schedule.



#### What's Next?

Enterprise-wide expansion plans for R360™ Machine Health Monitoring.

Ready to see this technology in action?

[GET A DEMO](#)