



MAINTENANCE STRATEGIES OPTIMIZATION



From subjective to efficient and risk-based inspections

Get rid of preventive maintenance tasks such as «Check motor» or «Check pump»!
Our failure-modes based optimization process quickly highlights the gaps in all preventive maintenance programs.

❶ VISUAL INSPECTIONS - 7 days - Operator - RUNNING

Visually inspect for leaks and breather saturation.

Failure modes covered: Leaking, Noisy, Lack of oil, Saturated breather.

❷ VIBRATION ANALYSIS - 30 days - Vib. tech. - RUNNING

Failure modes covered: vibration.

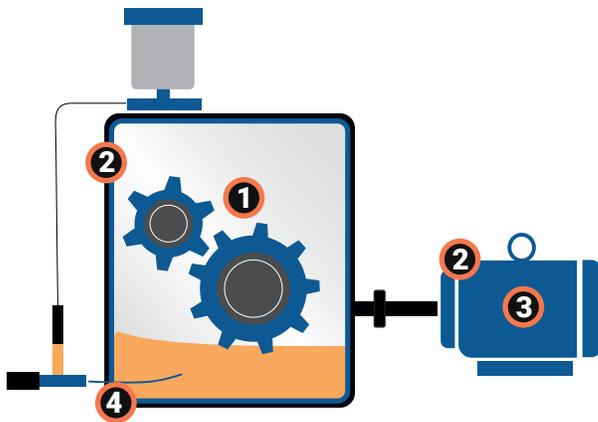
❸ GREASING - 90 days - Oiler - RUNNING

Lubricate the bearing with an ultrasonic device.
(DE: 3 grams, NDE: 6 grams. Type: Unirex EP 2).
Failure modes covered: lack of lubricant.

❹ OIL ANALYSIS - 90 days - Oiler - RUNNING

Take an oil sample and send it to lab for analysis.

Failure modes covered: Contamination, Degraded oil, wear.



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HIGH-END TRAINING
AND MENTORING

150 TECHNICAL
EXPERTS

WORLD-CLASS APM
SOFTWARE

**\$1.2M***Documented Savings***+100h***Annual Production***<1 Month***Spartakus APM Deployment*

Our client, a major steel factory, had to reduce financial losses from assets' mechanical failures. It was therefore imperative to establish a culture of reliability and proactive asset management.

1 FIELD DATA COLLECTION:

Our experts spent time in the field collecting data from the machines (pictures, drawings, existing maintenance tasks, history of failure) and preparing our optimization tool.

2 PM OPTIMIZATION:

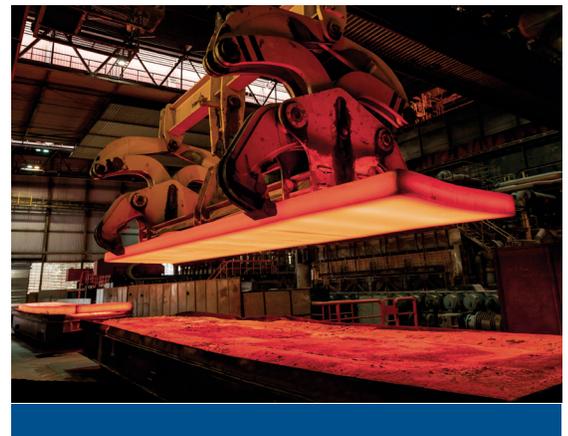
PM Optimization activities were held based on failure modes to allocate the right tasks to the right people at the right time. Final new maintenance strategy was validated by millwrights and technicians on the field.

3 IMPLEMENTATION OF NEW PROGRAM

Technicians and engineers deployed Spartakus APM to execute the new PM tasks on 16 highly critical pieces of equipment. On the first iteration, many issues were identified and corrected on the go to prevent upcoming catastrophic failures.

|| *They are a good partner who is always ready to support us and bring new solutions thanks to a competent team.* ||

Senior Maintenance Manager



SERVING THE USA AND CANADA

Contact one of our experts :

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