PDM BULLETIN

SEMEQ

2023 AND 2024 ANNUAL REVIEW - SLAUGHTERHOUSE

Between 2023 and 2024, SEMEQ's online vibration system generated 786 diagnostic reports. In a major innovation milestone, in collaboration with one of the largest slaughterhouses in the United States, SEMEQ developed and implemented three customized sensors: the Axon Humidity & Temperature Sensor, the AXON Displacement Sensor, and the Electrical MCA Sensor. These solutions helped prevent failures in critical assets such as Main Sprockets, PLCs, VFDs, rectifiers, and other drives.
This tailored approach not only avoided potentially catastrophic failures but also drove continuous improvements in asset reliability. Proactive actions and early diagnostics generated **over US$600,000 in potential savings across plants in 4 USA states.**

03

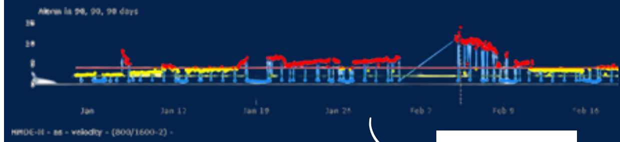
Technical visits

Case study

DR #22

01.

Vibration data show increased amplitudes in the axial direction due to misalignment.

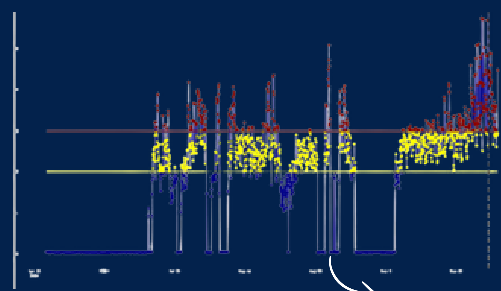


MEASURE
2025-01-20
03:31:19

DR #101

02.

Vibration in bearing resonance in acceleration RMS due to incorrect lubrication.



09/30/2024

CURRENT SYSTEM AVAILABILITY

In September 2024, network updates at the client site introduced new security requirements. SEMEQ proactively released an updated version of its gateways to ensure full compliance. During this period, SEMEQ further strengthened its partnership with the slaughterhouse, focusing on enhancing network access to improve operational comfort, reliability, and security.

04.

Innovation & technology

NEW STREAM PORTAL IMPLEMENTATION

SEMEQ

The new SEMEQ Stream Portal, featuring a modern, intuitive interface, was officially launched in February. Designed to centralize data and key functionalities, the portal enhances agility, strengthens security, and streamlines integrated management to optimize operational performance.

Jaqueline Viana
Technical Account Manager