

PROACTIVE PUMP MONITORING: HOW SONORA SAVED RETAL FROM COSTLY DOWNTIME

Sonora is Viezo's advanced predictive maintenance system that uses vibration sensors to monitor industrial equipment like pumps and motors in real-time, detecting faults through recurring patterns via AI analysis. Data is collected hourly, and displayed on a web platform for timely alerts, enabling proactive repairs to avoid downtime.

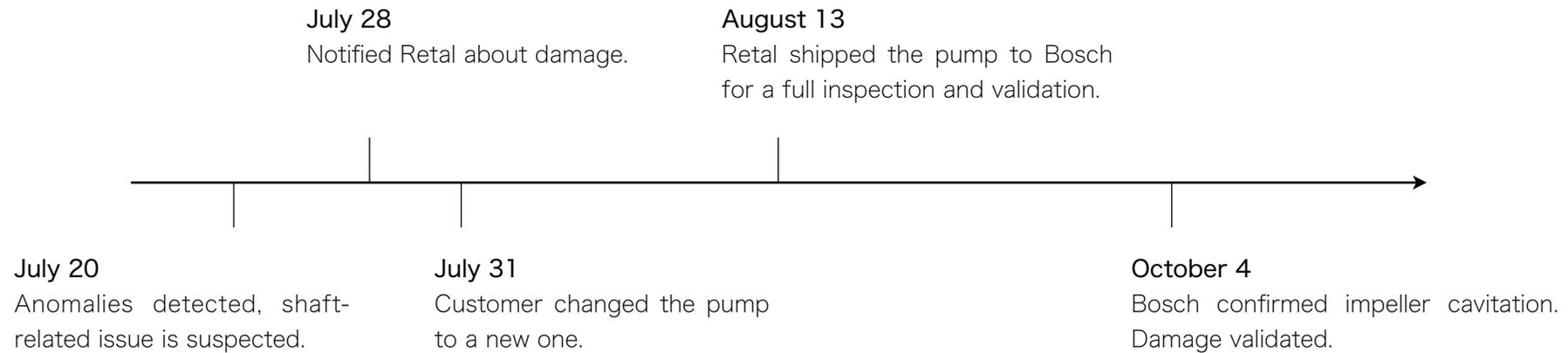
Retal Group, a multinational packaging producer with 10 sites across Europe, Asia, and Africa, manufactures PET preforms, closures, containers, and films for food and beverage industries. Serving 70+ countries with 1300 employees.

In July 2025, Sonora detected anomalies in Retal's Bosch Rexroth H14 pump (pre-coupling, circulating 2 tons of oil). Suspected shaft damage risked severe failure: debris contaminating the system, requiring 2-week cleanup, oil/pipe/pump replacement (€46,000+ costs, excluding production losses).



WHAT HAPPENED?

Sonora's real-time vibration monitoring empowered Retal to swiftly intervene on their Bosch Rexroth pump, preventing a two-week production shutdown and avoiding the high costs of pump replacement and system repairs.



RESULTS

- Avoided system contamination and 2-week downtime;
- Saved €46,000+ in components and labor;
- Maintained 24/7 production - zero unplanned stops;
- Enabled proactive replacement, preventing severe pump failure.

“Sonora’s warning saved our system from catastrophe.”

CTO, Retal Lithuania