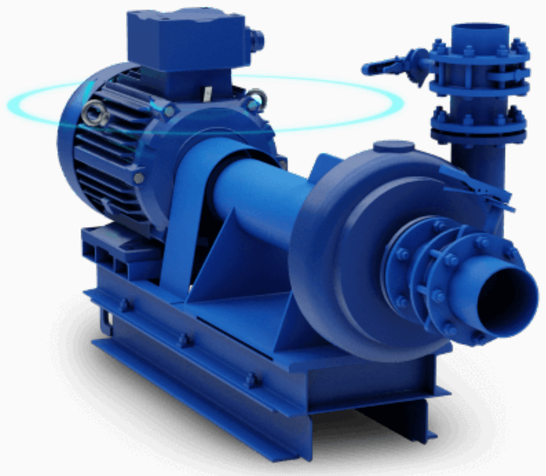
TRACTIAN

Real Cases, Real Applications

Motors and Pumps



Problem

A large beverage manufacturer was experiencing bearing problems with its rotating equipment.

Maintenance was only performed when a noise was detected. Errors of analysis in these intervals led to excessive unplanned downtime.

Over this period, more than $16k was lost due to critical failures in pumps and ventilation systems.

Solution

- 31 TRACTIAN sensors, that monitors vibration analysis, temperature, and hour meter data, were installed on 18 gearboxes, 6 fans, and 8 compressors.
- The whole setup took only 6 hours (12 minutes per sensor). Soon after implementation, all machines were online and available on the platform.
- The automatic training of the assets took only 5 days. TRACTIAN algorithm categorizes and identifies the condition of the equipment quickly and accurately, and is ready to generate insights that could turn into potential failures.

Results

+ $118k
saved in the first year.

– 30%
in last minute maintenance occurrences.

+ 45%
in the reliability of the monitored equipment.

Today, parts are purchased in advance,
making maintenance more efficient.

With the success of the implementation, the company has expanded the solution to another 2 plants with +300 rotating assets.

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