

Case Study

Vibra

TRACTIAN

Vibra is a **leader in fuel and lubricant distribution**; they also operate in the energy, chemical and petrochemical segments. Additionally, they're a reference in automotive, marine, railroad and industrial applications.

Their largest industrial plant produces the **Lubrax** lubrications that are distributed throughout Brazil and South America.

It's in this plant that they implemented TRACTIAN's online vibration and temperature monitoring sensors which use artificial intelligence (AI).

Sector

Fuels

Points monitored

360 critical assets
with Smart Trac

Analysis in 6 months

> 720 million collections
+ **more than 5 serious flaws identified**

Estimated ROI

17x the amount invested

Challenge

Identify failures that could bring production to a halt in advance.

Prior to implementing the project with TRACTIAN, Vibra faced many problems and challenges regarding asset maintenance. These include a lack of predictability, a high number of corrective actions leading to increased machine downtime, and high operating costs due to emergency repairs and asset replacement.

Solution

Preventive alerts and efficient management avoid breakdowns and production stoppages.

In a relevant case, an RMS speed increase alert prevented a breakdown of the labeling machine. The maintenance team performed a planned intervention, **avoiding a 4-day stoppage** of the production line. In another case, they repaired a pump with high vibration levels, avoiding the purchase of new equipment and **16 hours of production downtime**.

Additionally, the company is implementing TRACTIAN's maintenance management system (CMMS), **TracOS™**, to centralize maintenance management and automate indicators.