



Customer case

# Boost your productivity with Predictive Maintenance.

**Tetra Pak®**  
PROTECTS WHAT'S GOOD

**The Spanish dairy producer saved €55,000 and avoided 50 hours of downtime thanks to Predictive Maintenance.**

### Customer

A dairy producer in Spain.

### Challenge

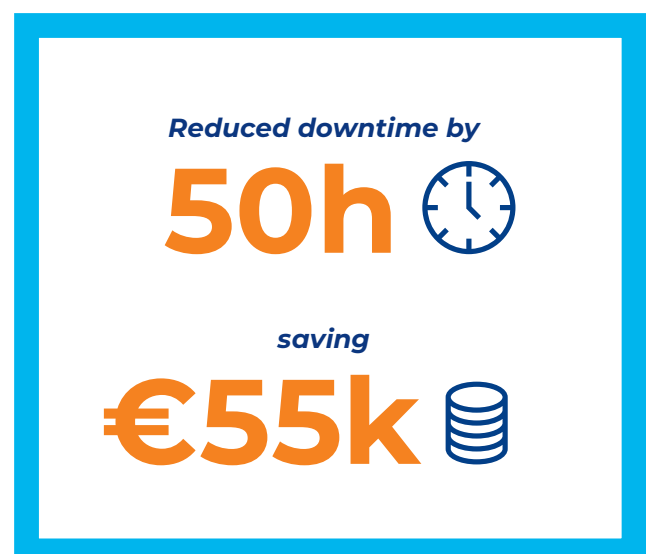
To minimise production downtime and optimise operational cost with high production demand (4,000h/yr).

### Solution

Tetra Pak® Plant Care service agreement with on-site service engineer, and three Tetra Pak® A3 Flex machines included in the Predictive Maintenance service.

### Results

Reduced downtime by 50 hours, saving €55,000.



## Customer challenge

Our dairy customer had a high production demand of 4,000 hours per year, and wanted to reduce downtime and cut operating costs by reducing the chances of unforeseen failures.

## Our solution

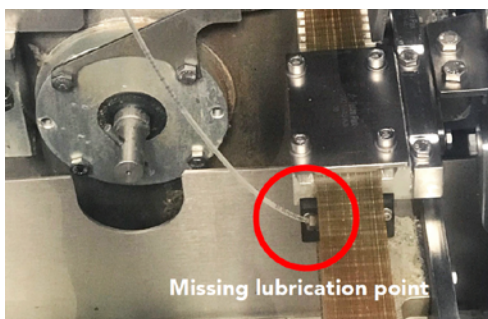
The customer signed a Tetra Pak® Plant Care service agreement including an on-site service engineer to cover immediate technical needs and preventive maintenance. Besides that, the three Tetra Pak® A3 Flex machines were equipped with condition monitoring kits allowing for Predictive Maintenance.

How does this work? We use advanced sensors to monitor the most critical functions of the machinery. These sensors send real-time data to the specialists at our Quality and Performance Management Centre. Using their expertise, our specialists analyse the machinery's data and benchmark its performance. They then send operational insights to service engineers on-site, alerting them if something is wrong.

This allows us to predict problems and prevent them from occurring. In this concrete case, we were able to detect various malfunctions, such as a misaligned carriage and lateral play. We were even able to detect a missing lubrication point and a misaligned pusher support. This information was shared with the engineer on-site, who responded by installing the lubrication point, replacing the carriage and adjusting the belt. This allowed the machine to return to production, avoiding downtime.

## Results achieved

The financial value of the improvements was approximately €55,000 during the first 18 months. Applying Predictive Maintenance to the three Tetra Pak® A3 Flex machine lines allowed the customer to avoid 50 hours of unscheduled downtime, and the service also helped to prevent visual defects on the packages.



€55k

savings



50h

avoided downtime



## Tetra Pak® Services

Tetra Pak® Services cover every aspect of your food production, from daily routines to business insights. Our tailored service solutions improve performance, optimise costs and ensure food safety throughout the lifecycle of your operation. With Tetra Pak as your partner, you get the people, portfolio and presence to achieve your performance goals.

Find out more about Tetra Pak® Services at [tetrapak.com/services](https://www.tetrapak.com/services)