



ASYSTOM

# Use case Animal feed production



## THE OUTCOME:

2 days  
shutdown  
avoided



No gearbox replacement needed

50m3 raw material **SAVED**

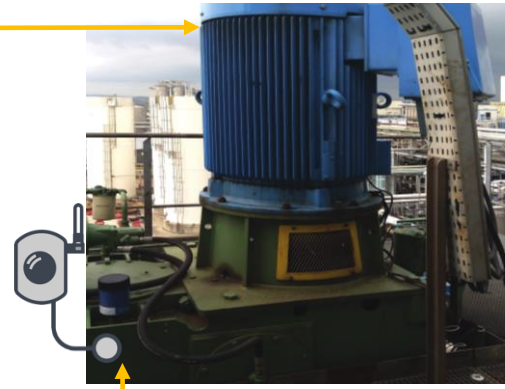
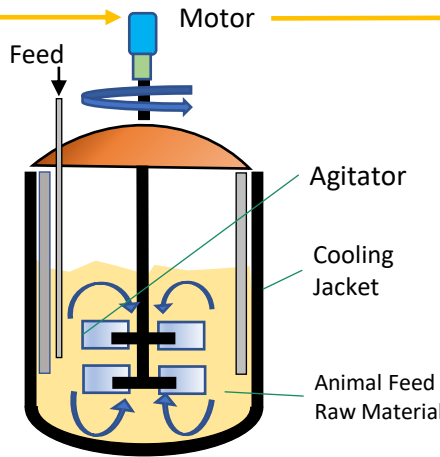


No crane rental needed for potential repair

## THE SITUATION:

The clients, a leading Japanese company for animal nutrition, were having difficulties having **any visibility on the health of the agitator and its gearbox, which are key to the fermentation process and to a continuous operation.**

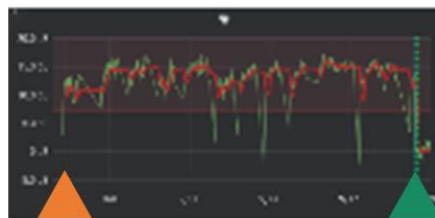
The site produces 120,000 tons of amino acids per year, so it is essential for the client to ensure the equipment's availability to maintain production output.



Location of the AsystemSentinel beacon

## AsystemPredict IN ACTION:

A lubrication issue (clogged filter) was detected by a significant increase in the ultrasound level :



Prevented a failure of the gearbox.

Defect detected

Filter replaced



### Client testimony:

Engineering department, Manager

“Asystem’s on-line solution allows us to monitor a set of equipment over time without human intervention. The ergonomics of the dashboard are flexible and pleasant. The configuration of the alarm thresholds is vast, and allows many possibilities. It is a different approach to conventional vibration analysis, very pertinent.”