



Ajinomoto & The Feed Industry

ASYSTEM



Ajinomoto, the animal nutrition company



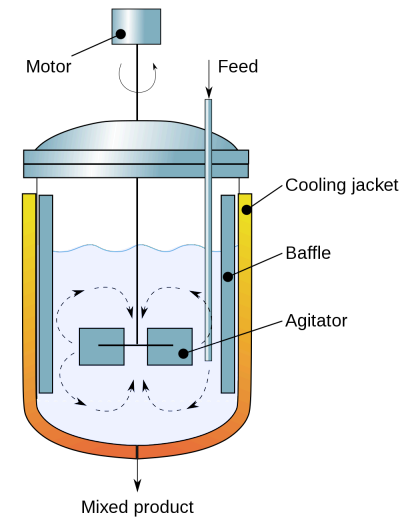
Ajinomoto produces amino acids, intended for animal feed, through fermentation processes with an annual output of 120k tonnes



Fermentation Is A Critical Process



Giant Fermentation Tank



Smooth running of the agitator in the fermentation process is critical in avoiding raw material wastage and production downtime



AsystomPredict in Action



Giant Fermentation Tank

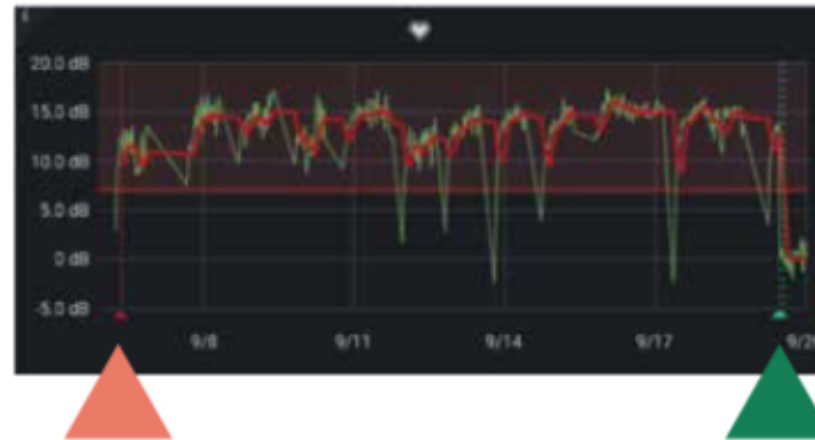


Gearbox includes oil bath that is cooled by an external circuit (filter+pump+radiator)

AsystomPredict was selected due to its versatile set of sensors in predicting various type of failures in rotating motors



Defects Are Quickly Detected



Appearance Of Defect

Filter Replacement.
And No More Defects!

Anomalies was detected a few days after installation as AsystomPredict's ultrasound sensor picked up increased in noise level due to lubrication issues due to filter clogging and prompt action was taken



Gains from Predictive Maintenance

*Replacement of
entire gearbox
avoided*

*2-Days
downtime
avoided*

*50m³ raw
materials saved*



**AJINOMOTO
ANIMAL
NUTRITION
GROUP**

AJINOMOTO ANIMAL NUTRITION EUROPE

Tailored for animals, inspired by nature

A Satisfied Client

“The online Asystem solution allows us to monitor our entire plant remotely without any human intervention. The system together with its alert setup is easy to use with its modular, ergonomic design and allows us to track a wide range of parameters. The approach is different from traditional vibration implementation but it gives very relevant outcomes” – Simon Boone, Ajinomoto Engineering Manager

AsystomPredict: Process to Facilities

AsystomPredict can be deployed throughout your manufacturing floor and building facilities

From fermenters to motors, pumps, water systems and HVAC

