



ASYSTOM

trimet

Use case Aluminium Products



THE OUTCOME:

Early failure detected, minimizing loss of production



Detection of a gearbox problem in a crusher allowed a planned maintenance intervention



AsystemPredict monitoring machines such as crushers, conveyor belts, lifts and fans across three sites in various countries



The maintenance team are motivated by the ability to monitor critical machines and therefore feel in control

THE SITUATION:

The team at TRIMET were having difficulties understanding the health of their equipment. Needing to monitor a variety of machines of different ages, operating in harsh environments, to prevent unplanned shutdowns, and the desire to avoid costly emergency corrective actions, AsystemPredict was the perfect fit. AsystemSentinel beacons take minutes to install and the short machine learning phase allows the team to quickly start monitoring the equipment remotely, providing them with early alerts of a fault.

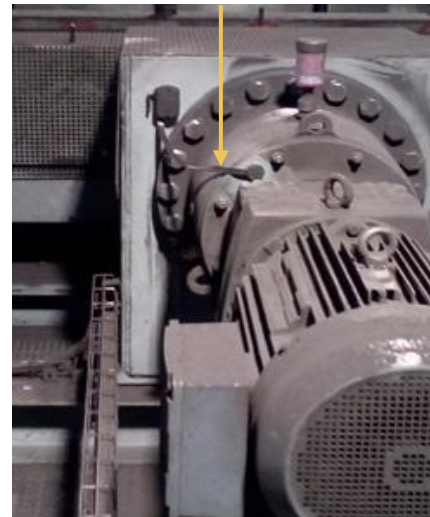
AsystemPredict IN ACTION:

Six months after installation, AsystemPredict detected a drift on a 15+ years old crusher and a detailed analysis determined that the gearbox needed replacing. Thanks to an early alert, the teams were able to plan the gearbox replacement with minimum impact on production.

AsystemPredict helped improve maintenance practices, allowing the team to monitor the health of their equipment. The teams are motivated and maintenance happens at the right time, rather than in an emergency.



AsystemSentinel beacons in situ - their smart probe allowing set up in tight spaces



AsystemView

Visualization platform in realtime with remote access



Alert on 15+ years old crusher with detailed analysis



Gearbox replacement

Easy Implementation,
Accurate Outcome