

KCF Technologies Asset Case Studies

Stamping Hydraulic Pump

It's not enough to simply know that an asset is failing. Our team of engineers, vibration analysts, and industry experts with decades of manufacturing experience use cutting edge predictive maintenance technology to partner with you to solve your asset problems permanently and reach peak performance.

The Problem:

A SENTRY Analyst detected an increase in acceleration readings on a hydraulic oil supply pump on the front-of-line washer system. A new issue in Desk was opened, and it was recommended the plant's maintenance team check for a filtering issue that occurred on this pumping system one month prior. The issue was ultimately determined to be cavitation.

How We Solved It:

The plant's on-site maintenance team was able to isolate the issue to the filter by altering and monitoring performance variables on the stamping press. The filter was replaced, and the pump returned to a healthy state.



Savings:

\$23,701

Customer Savings

1 hour

Downtime Avoided

Ready to Take the Next Step in
Your Machine Health Journey?
Let's Get in Touch.

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