

KCF Technologies Asset Case Studies

Vacuum 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 KCF analyst saw signs in the frequency spectrum leading them to believe there was looseness present in this vacuum pump. Once the asset was able to be inspected, a bad coupling element was found that was causing the looseness in the pump.

How We Solved It:

Following alignment and the coupling replacement, levels immediately returned to a healthy point and have stayed there since.



Savings:

\$36,000

Cost of New Pump

6 hours

Downtime Avoided



Pump:



Motor:



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

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