

KCF Technologies Asset Case Studies

Top Drive Traction Motor

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:

This facility had recently replaced a brake transducer. Following this replacement, an increase in vibration from around 5g to 9g average developed, indicating a bearing failure. Following inspection, bearing fluting was found.

How We Solved It:

It was recommended that bearing temperatures be monitored, primarily on the outboard side, and that bearings were being greased according to the OEM specifications. Ultimately, the motor was pulled before the next rig up and repairs were made, resulting in a return to healthy vibration levels before a failure could occur.



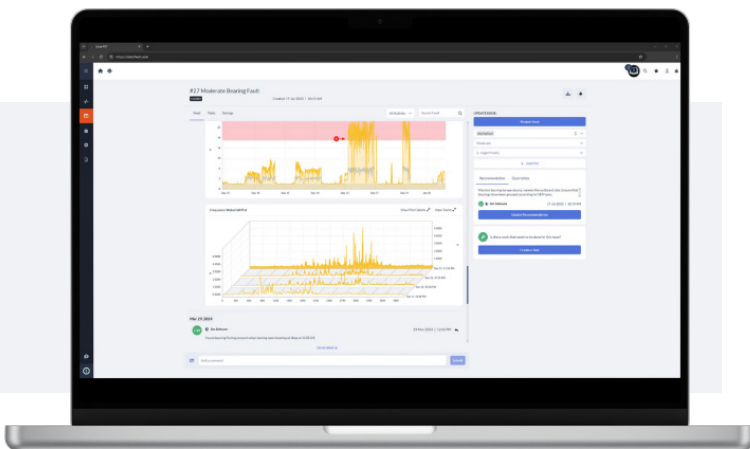
Savings:

\$80,000

Customer Savings

24 hours

Downtime Avoided



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

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