

KCF Technologies Asset Case Studies

Screw Compressors

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 technology to partner with you to solve your asset problems permanently and reach peak performance.

The Problem:

Screw compressors are used to move compressed gaseous fluids for purposes such as air supply or refrigeration. In the event of failure, operations are halted as there is no longer a source of high-pressure fluid being pumped. In this instance, the discovered fault was thrust bearing wear.

How We Solved It:

Our team's recommended action was to replace thrust bearing before screws can cause damage to compressor, resulting in significant downtime and repair costs.



Savings:

\$240,000

Customer Savings

1000 hours

Downtime Avoided

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

Email: pdmcontact@polytron.com

Phone: 1 (678) 836-8231

Email: sales@kcftech.com

Phone: 1 (814) 867-4097 Ext. 1