



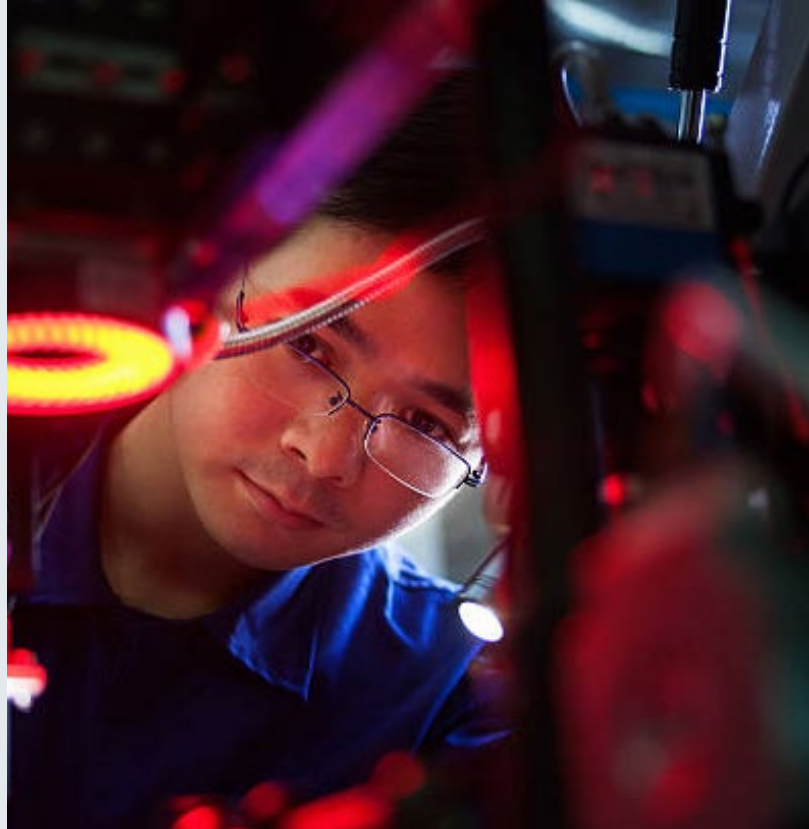
Case Study

How a Smart Sensor Technology Alert **Saved** **£11,000** in Unnecessary Repair Costs

33% Repair Savings

Did you know that preemptive maintenance can save 33% on the cost of repairing a failed machine?

Something a Manchester synthetic oil manufacturer discovered shortly after we fitted CPM smart sensors to their electric motors, pumps and critical assets.



The 'fitbit' for Your Rotating Machinery

The Smart Sensor technology that we use monitors a wide range of health parameters including:

- Overall vibration
- Skin temperature
- Looseness
- Bearing conditions
- Output power
- Misalignment

Smart Sensor technology that prevented a costly repair job only weeks after it was fitted.

The Anatomy of a Feed Pump Motor Failure

Alerted to a deterioration in a boiler feed pump-motor system, a CPM reliability engineer instantly consulted bearing condition trend charts. After studying the data and quickly realising the threat, he promptly scheduled preemptive motor maintenance that would avert a secondary failure.

A failure that had the potential to also damage surrounding equipment.

Add that to the expense of:

- Lost production
- The opportunity cost of teams who could be doing productive work such as improving productivity, plant utilisation and production,
- The added cost of bringing in repair workers at short notice premium rates...

...and the time/cost saving benefits of Smart Monitoring are easy to see.

Save Money, Save Time, Save Inconvenience



Preventative action saved our client
£11k - on ONE motor:

- £5k of production lost in the first hour.
- PLUS: £0.5k for every subsequent hour.
- PLUS: The cost of the repair itself
- PLUS: The opportunity cost of other important maintenance work not carried out on other machines

Little wonder that so many businesses are turning to CPM smart sensor technology.

Advance warning tech that keeps you one step ahead.

The smart way to:

- Reduce downtime by 70%
- Expand motor life by 30%
- Improve energy efficiency by 10%



Secure Your Motors and Your Budgets

Time to learn more about how CPM Smart Sensors can radically reduce the cost and inconvenience of your motor failures?

Contact Rishi Hirani at

rhirani@cpm-uk.com

Find out about our 'Pay as you go' options and **FREE** Smart Sensor 'proof of concept' trials.

And don't forget to ask about how we save customers tens of thousands of pounds every year with our fixed fee maintenance packages.

That's right. We're so confident in our Smart Sensor cost savings we'll **GUARANTEE** all motor and maintenance - all at our own risk.