

# THE BEARING'S CRY FOR HELP

Screaming at 10k RPM,  
but sure...  
keep ignoring me.



Reliable



# Calibration Expired 2019



I'm still the cornerstone  
of their PdM program.

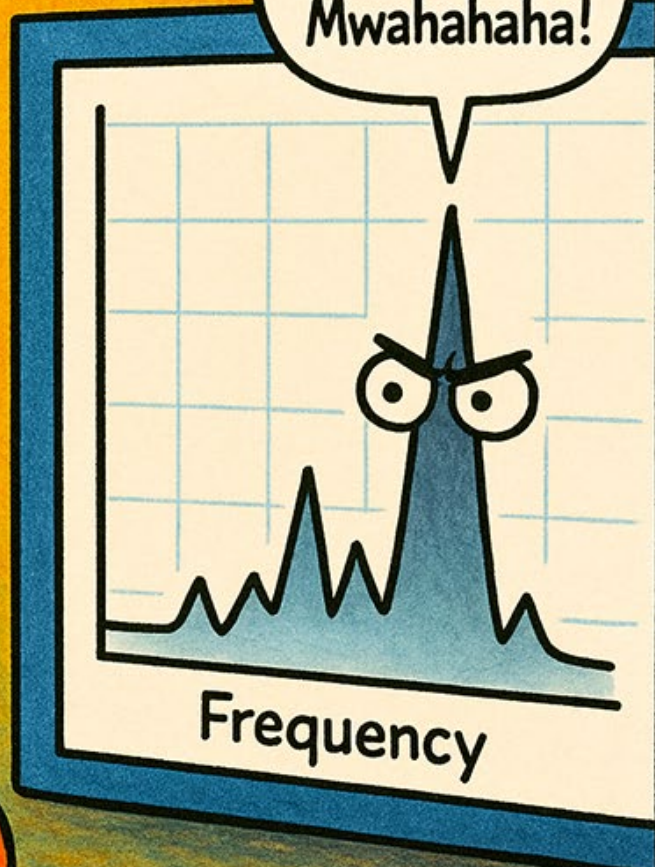
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# THE GHOST FREQUENCY

I've checked the motor speed, bearing frequencies, gear mesh ... what ARE you?

You'll never catch me!  
Mwahahaha!



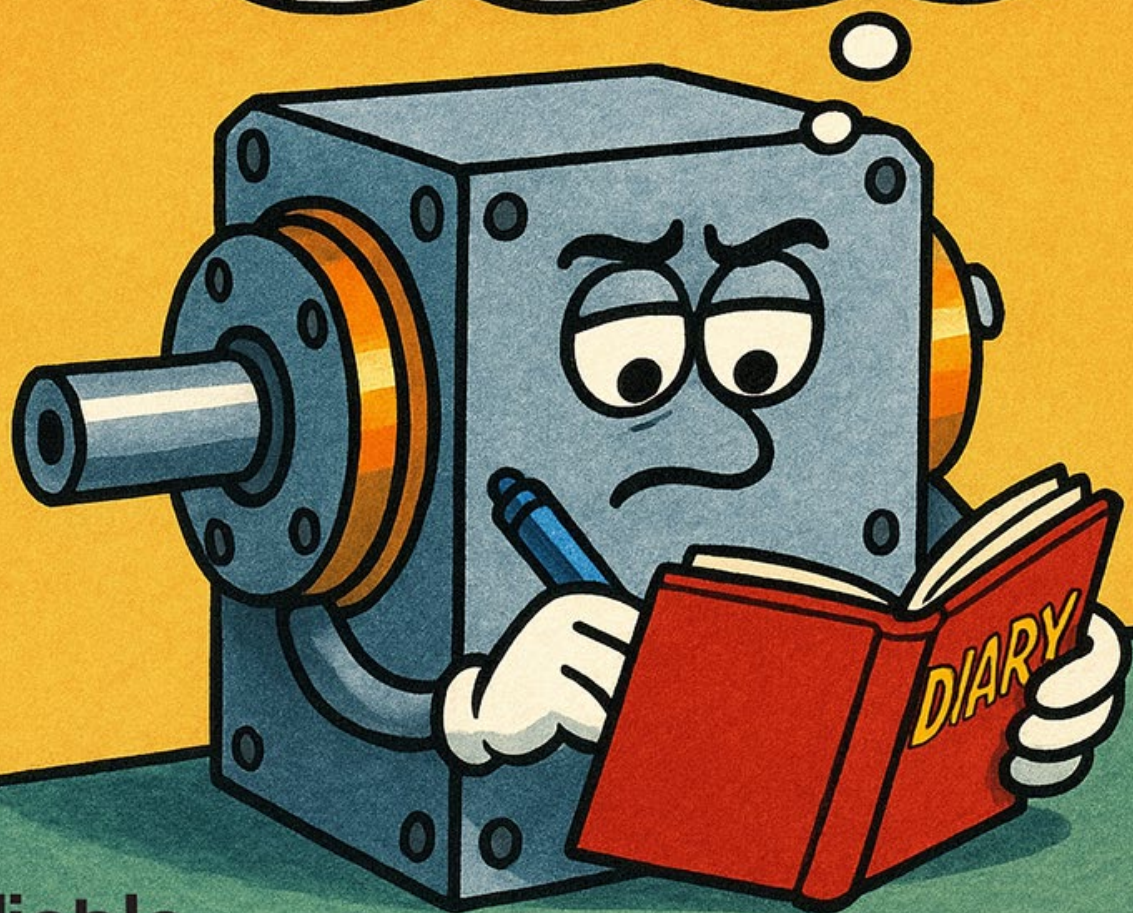
Later discovered to be loose mounting bolt resonance.

**Reliable**



# THE MACHINE 'S DIARY

Dear diary, technician ignored my predictive alerts again. I'm planning a surprise breakdown.



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# CONTAMINATED AND COMPROMISED



Ingression? I thought  
this was a sealed  
relationship.

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Can't I just...  
use all of you?

I can  
detect  
problems  
6 months  
early!

I show  
you exactly  
WHERE  
the  
problem  
is!

I know  
what's  
happening  
on the  
INSIDE!

I hear  
things  
others  
can't!

VIBRATION  
ANALYSIS

THERMO-  
GRAPHY

OIL  
ANALYSIS

ULTRA  
SONIC

THE PREDICTIVE MAINTENANCE DATING APP

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# THE ALARM THAT CRIED WOLF



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# WHEN THERMOGRAPHY TURNS TERRIFYING

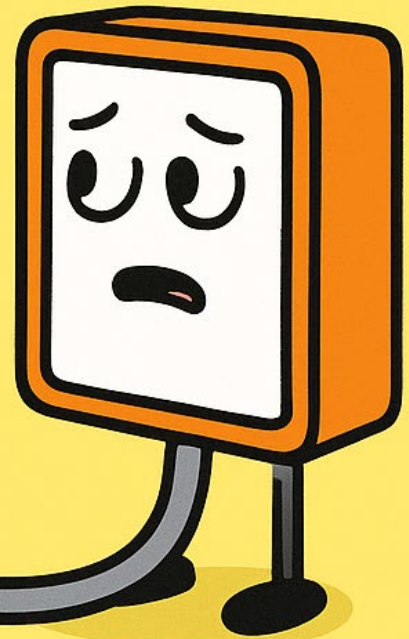
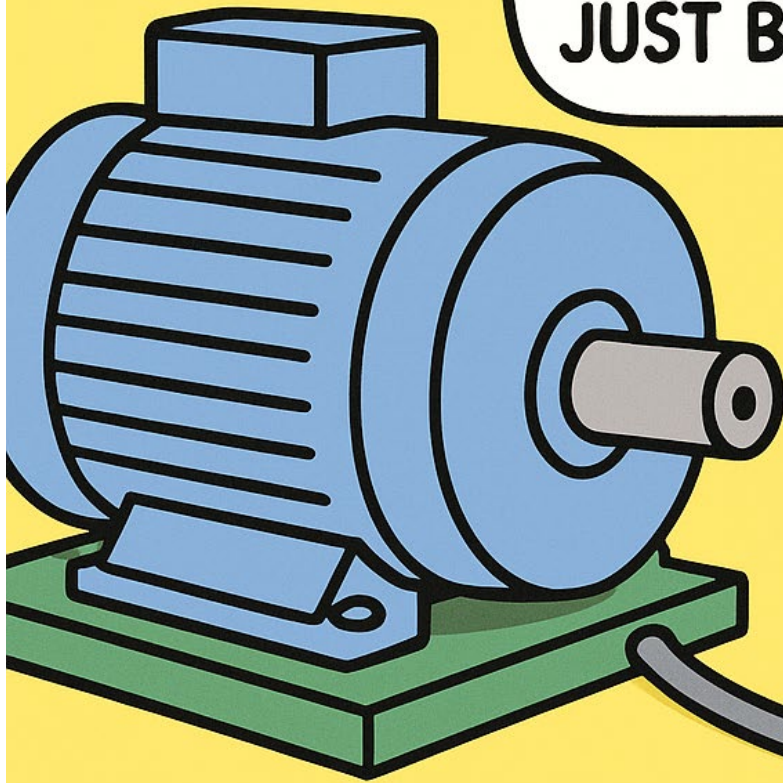


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# THE OVERLY HONEST SENSOR

I'M 99% SURE THIS  
MOTOR WILL FAIL,  
BUT 1% SURE I'M  
JUST BEING DRAMATIC.

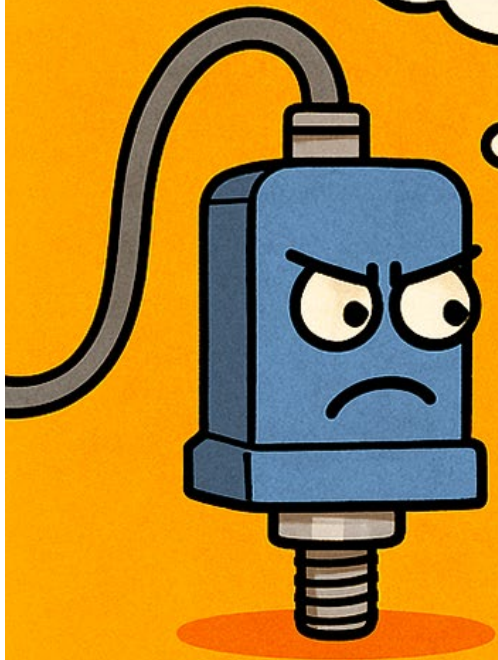


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# THE JEALOUS VIBRATION SENSOR

Oh look...  
Bluetooth.  
Must be nice.



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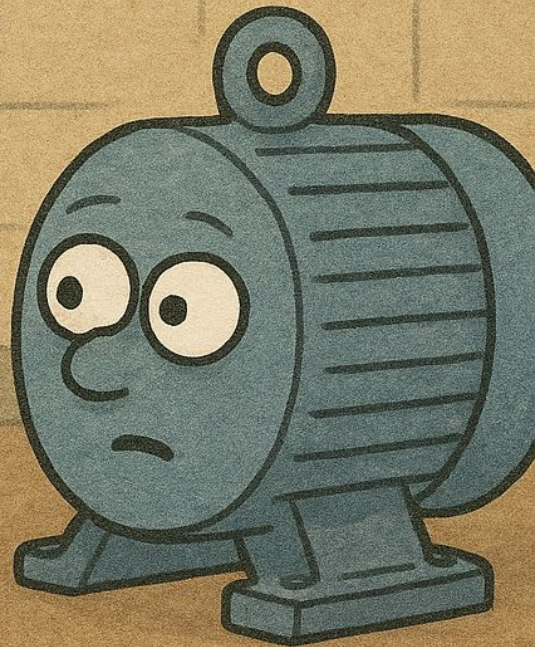
**TORQUE WRENCH?  
NAH, TIGHT'S TIGHT.**



**Reliable**



**THEY'RE INSTALLING  
SENSORS EVERYWHERE!  
THEY KNOW WHEN I'M  
GOING TO FAIL BEFORE I DO**

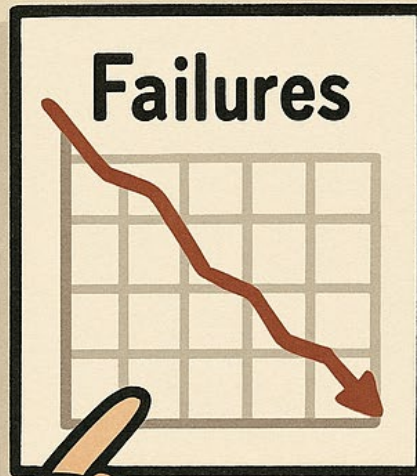


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**MACHINE  
CONSPIRACY  
THEORIST**



**WE HIT OUR MTBF GOAL—BY  
REDEFINING FAILURE.**



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**“Let’s see what takes  
us down this time!”**





**“THIS THING’S GOT  
TRUST ISSUES.”**



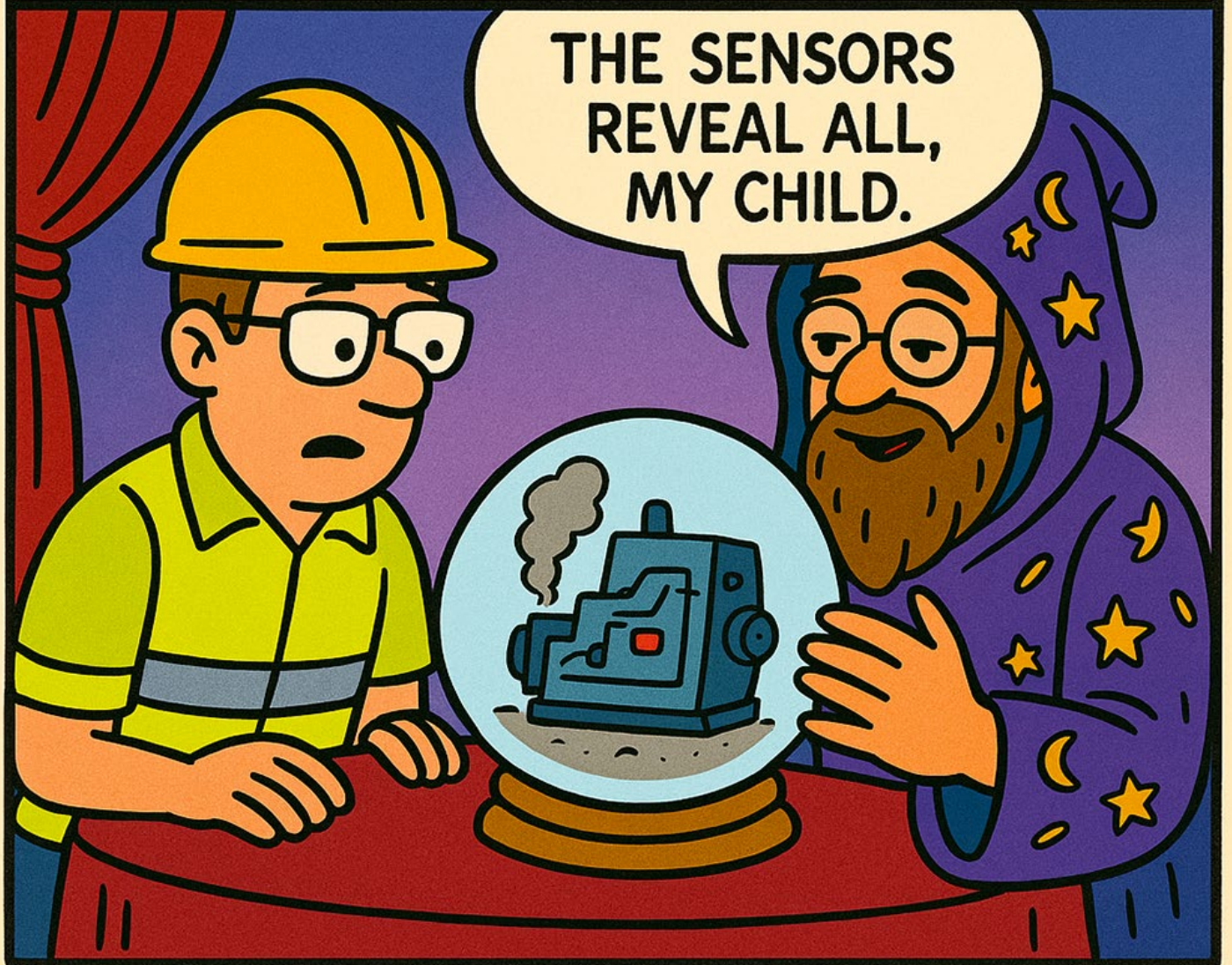
# AND NOW, YOUR 5-DAY PREDICTIVE MAINTENANCE OUTLOOK: PAIN



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# PSYCHIC MAINTENANCE NETWORK



Reliable



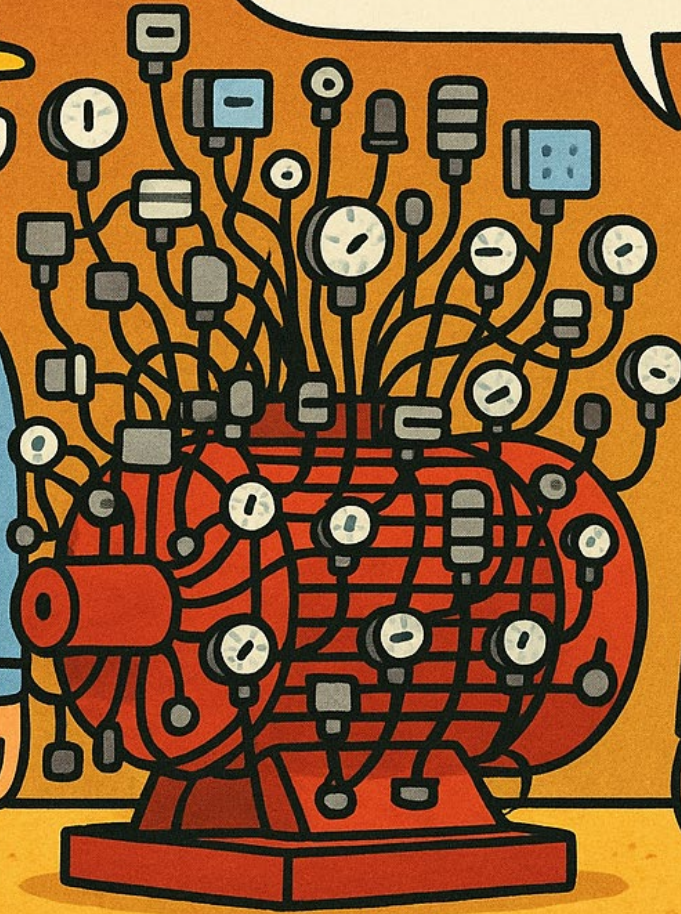
SO, WHAT'S  
YOUR RESONANT  
FREQUENCY?



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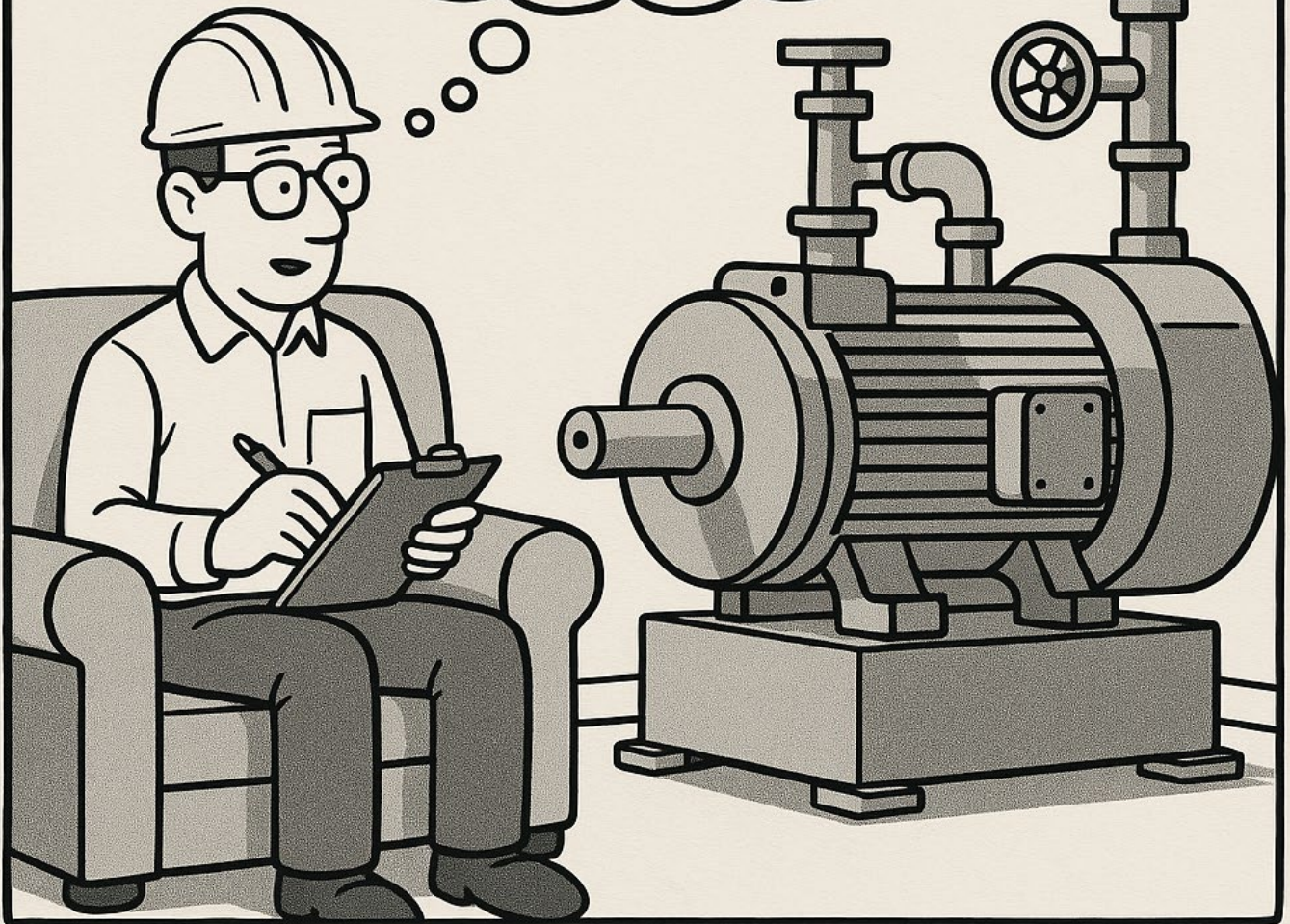
I THINK WE'VE GONE  
A BIT OVERBOARD  
WITH THE PREDICTIVE  
MAINTENANCE



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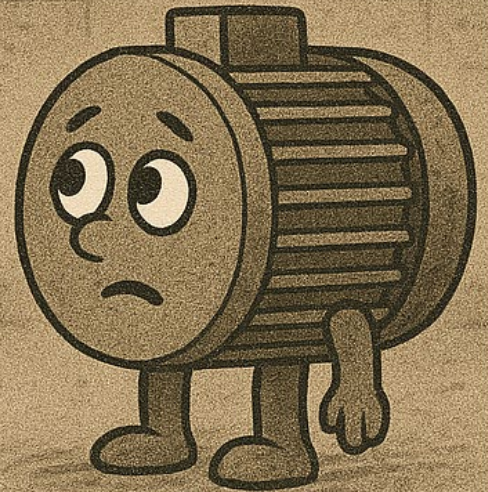


TELL ME, HOW ARE  
YOU FEELING TODAY?  
ANY UNUSUAL VIBRATIONS  
OR STRESS?





BACK IN MY DAY,  
WE RAN TO FAILURE—  
—AND WE LIKED IT





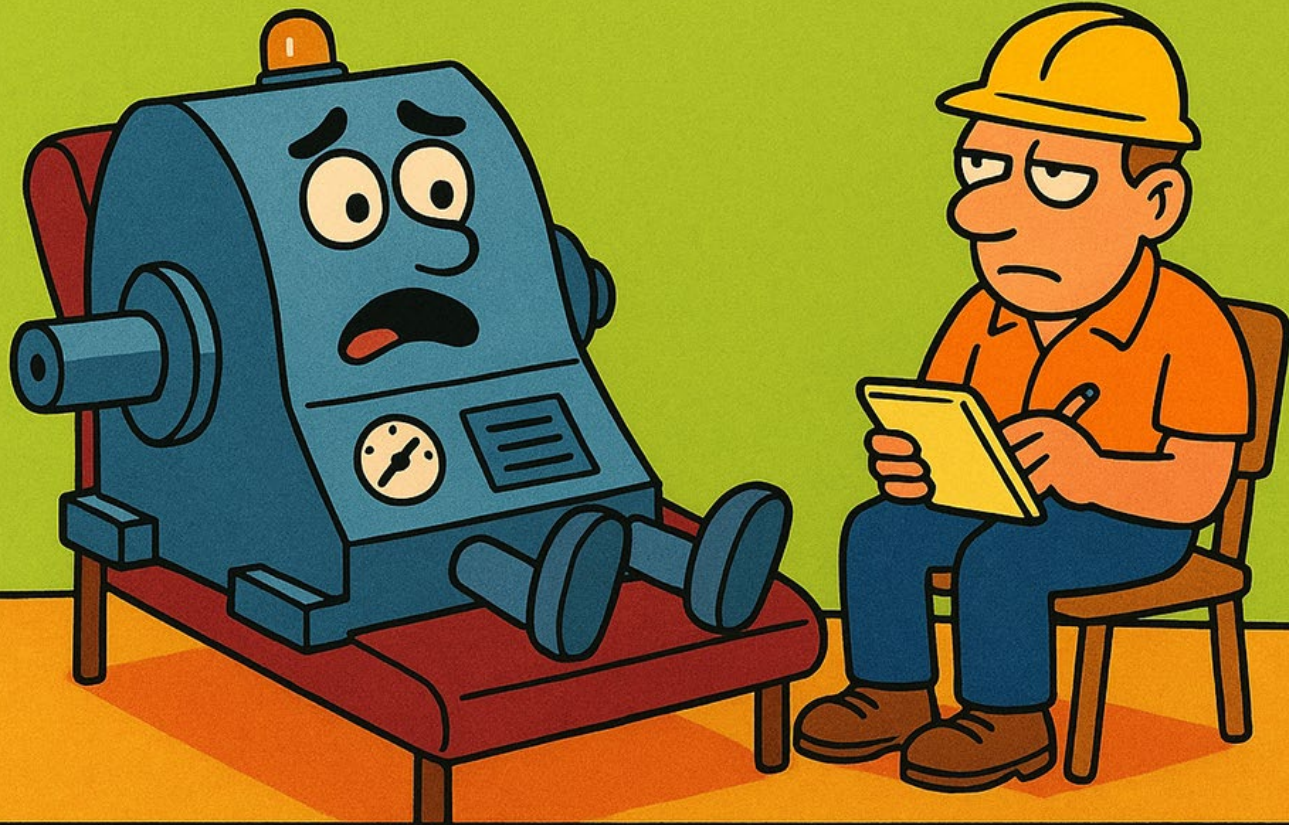
**PLEASE DON'T  
TELL THEM WHAT  
I'VE SEEN INSIDE  
THAT ENGINE.**



Reliable



# THE MACHINE'S THERAPIST



And then I get this really bad feeling in  
my bearings... it's just a vibe.

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# LIFE RATED: FICTION



**‘They said I’d live 60,000 hours... bless their hearts.’**

**Reliable**



# THE EXCEL WHISPERER



“I feel... a bearing trending toward failure... somewhere in here.”

**Reliable**



