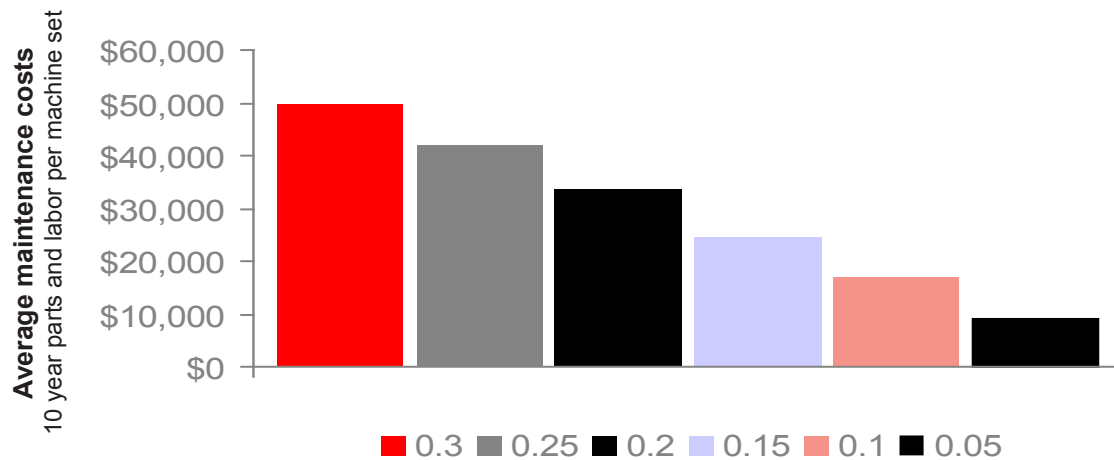


Lower vibration levels decrease maintenance costs

Reduce the vibration amplitude on your rotating equipment to bring down maintenance costs over time.



Vibration amplitude in inches per second (velocity, peak)

**Cost v amplitude data courtesy of Reliability Solutions LLC*

Monitor and reduce vibration amplitudes to decrease maintenance costs:

- >> Identify installation problems
- >> Minimize unplanned downtime
- >> Extend machine life
- >> Ensure machine availability
- >> Identify equipment problems and abnormal wear while still under warranty
- >> Reduce spares and inventory
- >> Increase mean time between failures (MTBF)
- >> Minimize impact on plant operations
- >> Improve plant safety
- >> Schedule maintenance at a fraction of the cost of replacing failed equipment

Use Wilcoxon sensors to measure and reduce vibration levels

Dynamic IEPE accelerometers work with a data collector or online vibration monitoring system to monitor the vibration spectrum. These are ideal to identify the root cause of increased vibrations.

Simplified condition based maintenance (SCBM™) can be performed using 4-20 mA vibration sensors and/or transmitters from Wilcoxon. The easy-to-understand output represents the overall vibration of the machine and can easily be converted to a velocity value in inches per second. Cost effective sensors and transmitters can input directly to a plant PLC or DCS, trend vibration levels, and provide notice of increased vibration. When vibration levels increase, maintenance professionals can take steps to pinpoint the cause and plan needed repairs.