

VIM[®] VIBRATION INFORMATION MANAGEMENT

Make sure your rotating equipment isn't on shaky ground.

Vibration is a by-product of an ailing machine or operating condition and, if left unchecked can result in wasted energy, the need for major repairs, or even worse, catastrophic breakdowns. Fortunately Longo's **VIM** program not only detects these critical problem areas, but can spot potential problems while they can still be corrected during routine maintenance..

Some common sources of vibration:

- | | |
|--------------------------|----------------------------------|
| ● Unbalance | ● Misalignment |
| ● Eccentricity | ● Bent shaft |
| ● Shaft cracks | ● Mechanical looseness |
| ● Journal bearing faults | ● Rotor rub |
| ● Cavitation | ● Electrical motor problems |
| ● Gear faults | ● Rolling element bearing faults |

● Since Longo's **VIM** data is quantitative it lends itself to computer trending and forecasting so you get a clear picture of the condition your equipment is in today...and where it is headed tomorrow.

● Vibration analysis is a non-destructive test that does not affect machine operation or interfere with production scheduling. In fact, testing requires the machinery to be operating.

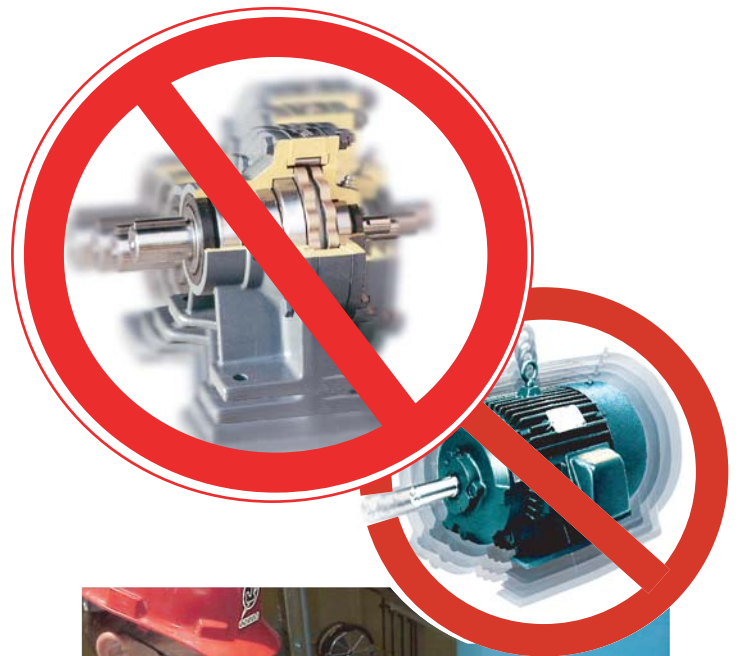
● Each report combines the expertise of our certified technicians and their sophisticated equipment along with real world data on the age, history and environment of the machinery.

When machines and their components are running right they work in harmony. If just one of these elements begins to wear or is damaged, it puts stress on the entire drive line. If repairs or replacements are not implemented, the other components can begin to fail as well.

Frequent periodic vibration analysis of your equipment exposes potential faults and trends that will allow you plan timely repairs and replacements during regularly scheduled maintenance, avoiding catastrophic breakdowns.

Simply put the benefits of VIM are:

- Predictive maintenance**
- Reduced downtime for repairs**
- Prevent damage and expensive repairs**
- Reduce energy costs**
- Safety**



Call us now at **973-537-0400 ext: 3** for more detailed information on the Longo VIM[®] program as well as a complete Predictive Maintenance Program

Longo, your complete resource for energy control and maintenance.

