



# More health for your vacuum pumps

## Increased pumps uptime

Get insights about the operation of your pumps and receive recommendations on how to run the machines at lower total cost of ownership.

### How does it work?

| Benefits   | Scope   |
|--|---|
| Extra reliability to keep 100% of your production uptime   | Regular assessments, the interval of visits are defined based on the pump condition and severity of the running process |
| Prevent expensive breakdowns, perform overhauls at the right time  | Vibration & noise measurements in every inspection  |
| Recommendations for better utilization of pumps, plan or adapt services when needed  | Professional reports after assessments  |
| 24/7 remote access to your pumps, enabling full transparency about machine status  | Connect pumps to the GENIUS Instant Insights™ Portal  |
| Address critical failures notification to the right audience, this will allow fast action and avoid downtime of your process | Event notifications   |

### Insights for continuous pump operation



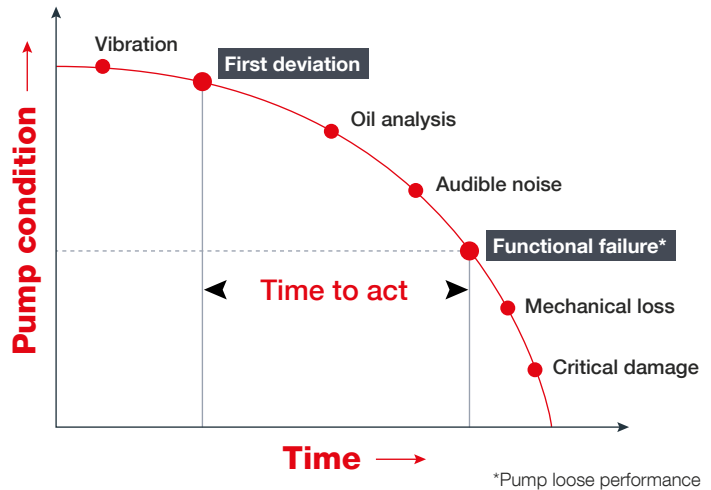
# Why you should consider health solutions for your vacuum pumps

## When there is no monitoring, the risks of downtime are high:

- Production losses that can top up to hundreds of thousands.
- Issues with product quality.
- Delays to customers.
- Increased cost of maintenance, lowering the profitability of your business.

## Our solution enables to you:

- Full reliability of pumps in between recommended service intervals.
- Real time insights when there is a risk of downtime in the process due to pump malfunctioning.
- Insights about energy efficiency and CO2 footprint reduction.
- Enhance performance and production output through customized services.



|                                 | With monitoring solutions                                       | Without monitoring solutions                                       |
|---------------------------------|---|--|
| Service requirements            | Recommended based on pump operating conditions                  | Performed based on intervals (running hours)                       |
| Risk of downtime                | Decreases: Systematic tracking of the health status of the pump | Increases: Limited visibility about real pump status               |
| Performance & energy efficiency | Optimized, thanks to the correct service approach               | Gradually decline with the lack of appropriate on time maintenance |
| Cost of maintenance             | Planned and under control                                       | Harder to predict and can easily get out of control                |



Pioneering products. Passionately applied.