



More health for your vacuum pumps

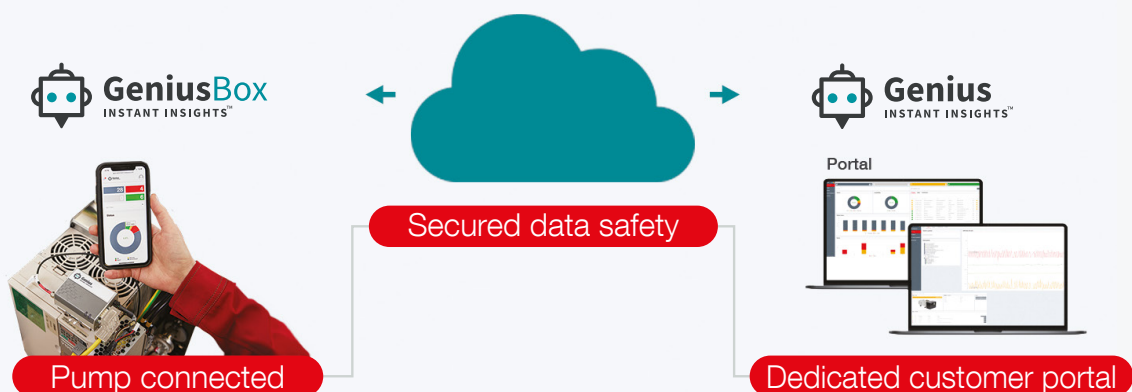
Increased pumps uptime

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



<https://genius.leybold.com>

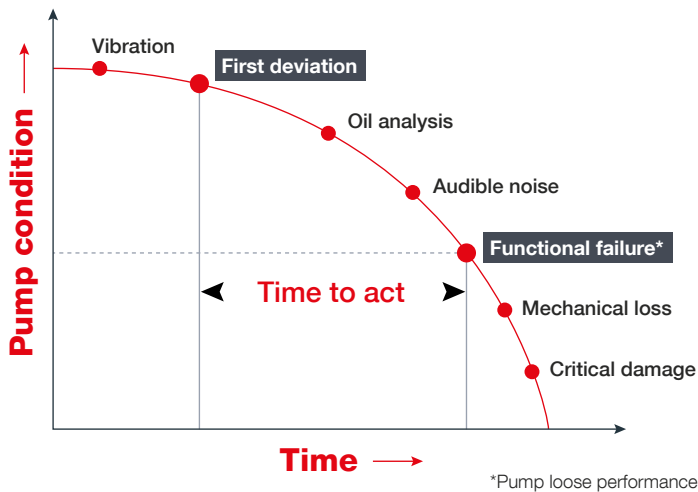
Why you should consider health solutions for your vacuum pumps

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.