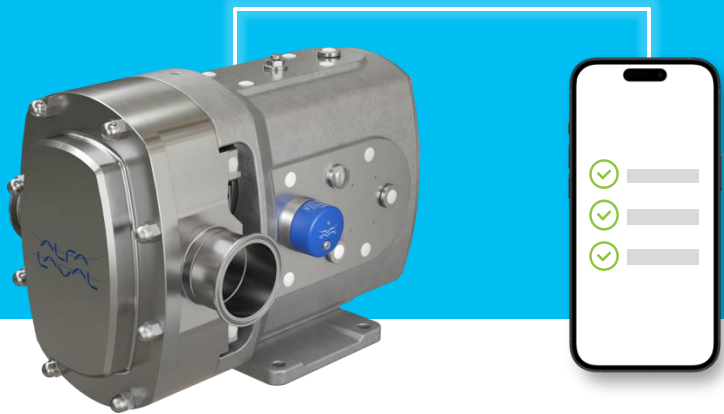


Asset Health Monitoring with Condition Monitoring by Alfa Laval

Your assets are talking.
We help you listen.



Improve your operations with pump performance data that can give you deeper insights.

How? Understanding the running condition of equipment and whether service or maintenance is required is paramount to keeping plant and processes running efficiently and cost effective.

Asset Health Monitoring gives your pumps unique capabilities



Continuous monitoring of pumps – minimised risks of incidents and emergencies by notifications on changes in performance.



Pump performance – data collection makes it easy to identify potential breakdowns, unplanned stops that can be a result of increased usage of chemicals during cleaning-in-place (CIP).



Optimised production when a pump is working within desired pump curves, it's possible to see energy savings.



Faster and better troubleshooting – more accessible, reliable data means Tetra Pak can offer support to identify root causes quickly and accurately while also detecting recurring issues based on data and solution validation.



What is Condition Monitoring, and how does it work?



- 1 The pump has a sensor (Condition Monitoring, or CM) that is connected to a cellular gateway that uses 4G to communicate with a server (Condition Monitoring Connect, or CMC).
- 2 The data is analysed with help from artificial intelligence (AI), and notifications are automatically generated for any deviations to the normal pattern.
- 3 Support is condition-based, so nothing is over-serviced, but components are taken care of just-in-time.
- 4 Our local and global network of experts can then support you with our range of Service solutions to maximise your operational benefits.



Availability

Asset Health Monitoring is available for Alfa Laval pumps. All pumps bigger than LKH 75, Multistage and LKHPV from Alfa Laval have a Condition Monitoring sensor attached when sold. Asset Health Monitoring is available through a range of subscription-based options.

For more information about Asset Health Monitoring, contact your Services Sales Representative today.