ifm application package: Full protection for your cooling circuits

My plant is running smoothly.

Systems for condition monitoring of machines

cooling.ifm
Peace of mind: Monitoring and condition-based maintenance of the cooling water supply

Continuous diagnostics: Heat transfer and flow as well as the actual operating hours are monitored.

Early detection: Detection of contamination and leakage or weld tip loss.

Maximum efficiency: Permanent diagnostics of contamination, e.g. in the filter or at the welding gun.

Easy integration: ifm provides individual solutions which are suited for different cooling water systems.

ifm application package – applications
Monitoring of cooling water systems, for example, on:
- injection moulding machines
- machine tools with spindle cooling
- robot welding guns
- heat exchangers
- all machines with cooling and heating

“We can react very quickly in case of a fault.”
(Production Manager from the automotive industry)

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Optional
LR SMARTOBSERVER visualisation and alarm
Condition-based maintenance when required instead of fixed service intervals. Replacement of parts can be planned.

Leakage in the pipe or in the flexible hose system, kinks in the hose or blockage by particles in the cooling water circuit are detected early.

Data acquisition and analysis. Maintenance when needed.

Application package from the sensor to evaluation and network-based analysis. Scalable: can be extended to other applications and/or ERP systems.

Reduce costs

Prevent unplanned downtime

Optimise processes

“We can detect even very small leaks. The systems have been working reliably and without maintenance for years.”

(Maintenance Engineer from the automotive industry)

Implementation independent of your IT department

Learn more: The project list for cooling water monitoring can be downloaded at ifm.com/gb/cooling-water-package