

Customer:

BMW Engine Production Plant Coolant Filtration

Background:

Significant labor resources were consumed by the frequent need to manually clean the filter elements on site.

The time taken for manual intervention led directly to excessive downtime of the entire coolant treatment line, reducing overall operational availability and directly impacting the engine production process.

The Service Solution

The 6.64 automatic filter underwent a full inspection and mechanical overhaul, during which the inspection uncovered and rectified historical control irregularities responsible for poor operating efficiency. This overhaul included replacing critical seals and inspecting wear components. Alongside the inspection, the fouled filter candles were removed and sent for professional off-site cleaning and inspection to ensure they met specified filtration and cleanliness standards, ultimately restoring the system's automated functionality, allowing full design flow levels, and eliminating the need for excessive manual cleaning.



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Results & Benefits To The Customer:

- **Drastically Reduced Maintenance Burden & Costs:** Manual intervention requirements plummeted from a daily necessity to only once every three weeks. This dramatic reduction yielded tangible cost savings by minimizing man-hours allocated to filter cleaning and substantially decreasing system downtime, boosting operational availability.
- **Enhanced Operational Reliability & Asset Protection:** The customer gained peace of mind knowing the filter system is now operating efficiently and reliably, providing consistent protection for critical downstream equipment. Furthermore, the implementation of preventative maintenance routines as part of the solution has significantly reduced the risks associated with unplanned downtime.
- **Long-Term Support & Value:** Bollfilter UK tailored service plans can be implemented to align with specific site requirements and budgets. BFUK's offering of lifetime service support ensures ongoing assistance and contributes to achieving expected cost savings over the asset's entire lifespan, maximizing the return on investment.



Fouled Candle elements (left) alongside professionally cleaned elements

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