The sensors already fitted, and what they are enough to see

LINDBERGH FORMATION — 16 rue de Maillé, 91310 Montlhéry, France · Companies register (RCS) Evry 817 946 114

Document issued on 09/11/2026

1,006 usable sensors out of 1,340 · fictional document

Fictional document — demonstration example

This document is produced by the Blue Lemon Agent website to illustrate what an AI agent hands to its users. The companies, matters, amounts and people in it are invented. It has no legal, accounting or commercial value.

Fictional document, produced for the demonstration. This review exists **to avoid a purchase, not to justify one**. The instrumentation recommendations it contains are priced, and one of them is advice not to spend.

What the existing sensors detect, family by family

Family	Quantities already reported	What they announce	Observed warning time
Injection presses	Oil temperature, injection pressure, **cycle time**, consumption, screw position	**Cycle time alone catches 6 drifts out of 10**	3 to 5 weeks

Family	Quantities already reported	What they announce	Observed warning time
Compressors	Pressure, temperature, **loaded running time**	**+8 % of loaded running time at constant output = leak or tired valve**	**6 weeks**
Chillers	Setpoint vs actual gap, recovery time	Exchanger fouling, refrigerant charge	4 weeks
Conveyors	**Motor current**	**The most ordinary sensor on site and the most revealing — a bearing is seen before it is heard**	2 to 4 weeks

The 334 sensors not used

Category	Number	Why	Action proposed
On/off safety sensors	210	No usable trend — they say yes or no	None: they are doing their job
Dead or drifted sensors	**124**	Signal absent, frozen or inconsistent	List attached
Of which on equipment that matters	**31**	—	**Repair: €4,900 in total — the only recommended purchase**

What is advised against, and why

Project	Cost	What the history says	Recommendation
Vibration signature on all 147 ancillaries	**€96,000 + 3 weeks of installation shutdowns**	**1 production stoppage out of 14**	**Advised against for now**

LINDBERGH FORMATION — Blue Lemon Agent — Companies register (RCS) Évry 817 946 114 —
Legal notice (in French): bluelemonagent.ai/mentions-legales

Project	Cost	What the history says	Recommendation
Vibration signature on 4 compressors and 6 chillers	€11,200	**5 shutdowns out of 14, 39 hours**	To revisit in 3 months, once the repairs are done
Repair of the 31 sensors that matter	**€4,900**	Machines already behind 6 shutdowns	**Recommended, first**

> **Vibration signature monitoring** is the fine measurement of a machine's vibrations; it reveals a worn bearing or gear before anything else does. **It is excellent and it is expensive:** it belongs where the history shows it pays, not everywhere.

Decision on the €4,900 of repairs: _____ · Review date for the €11,200: _____

> **Request a demo with your own documents**
> This document is a fictitious example. To see the agent work on your own documents, request a demo from its page.
> https://bluelemonagent.ai/en/entreprises/cas-usage/agent-industriel-de-maintenance-predictive

Scope of this document: the service operated by Blue Lemon Agent. For an agent deployed at your premises, the applicable location is that of the architecture set out in the quotation and verified before commissioning; local execution is announced only for the configuration explicitly described and accepted in the quotation; the applicable isolation depends on the deployment mode set out in the quotation, no dedicated isolation being presumed; the encryption mechanisms in transit and at rest, their components and key management are those documented for the architecture chosen; roles and permissions are configured and accepted for the identities and systems actually connected; the events logged, their content, their retention period and who may access them are defined for the deployment chosen.

LINDBERGH FORMATION — Blue Lemon Agent — Companies register (RCS) Évry 817 946 114 —
Legal notice (in French): bluelemonagent.ai/mentions-legales