



Comparison periods — 178 regimes

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What is compared with what, and what is deliberately excluded · 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. **A comparison period only means something if the machine is doing the same thing.** The rules below are the ones that brought the rate of empty flags down from **23 % to 7 %**, and every one of them can be changed by the maintenance manager.

Splitting by regime

Notion	Definition	Effect on the comparison
Regime	A combination of part produced, rate and material	The same press does not have the same signature depending on what it makes
Regimes identified over 6 years	178	Across the 34 presses
Example	ABS housing → glass-filled technical part	Temperature, pressure and cycle time change with no wear involved

The three rules applied

Rule	Why	Changeable
First 30 days after a refurbishment or sub-assembly change excluded	A rebuilt machine resembles neither the old one nor yet itself	Yes
No flag on a regime seen for under 40 hours	“Not enough history to compare” is useful information; an alert built on five points is not	Yes
Ramp-ups and Monday-morning restarts excluded	They pull every average and have never announced anything	Yes

What the correction produced

Measure	Before the rule	After the rule
Flags over the half-year	96	—
Flags with nothing behind them	22, that is 23 %	7 % over the last 8 weeks
Of which linked to a refurbishment or a reference change	17 of 22	—
Checking time lost	25 min per flag — 9 h over the half-year	≈ 3 h at the corrected rate

The only thing asked of the site: record the refurbishment or reference change **in the CMMS, in one line, when it happens**. Technicians already record their jobs; there is no extra tool.

Exclusion period after a refurbishment chosen by the site (30 days by default): _____

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.