

Contamination Control & Protection

Self-Assessment Checklist — Step 7 Of 10

PRIMARY RISK

Contamination entering during operation, not storage

GOVERNS

Exclusion, filtration, breathers, sampling

FEEDS INTO

Step 8 (Condition Monitoring)

Step 4 protects the lubricant before it reaches the machine. Step 7 protects the machine while it's running, being filled and being maintained. Exclude, filter, protect and monitor aren't separate options — they're layers, and each covers where the others can't reach.

IS CONTAMINATION ACTUALLY EXCLUDED, FILTERED AND MONITORED, OR JUST CLEANED UP AFTER THE FACT?

- ☐ Are fittings, seals, caps and fill points kept closed and protected when not in active use?
- ☐ Are sealed fill and drain systems used instead of open funnels or decanting?
- ☐ Is filter selection matched to a defined target ISO cleanliness code for each application?
- ☐ Are filters changed on condition (differential pressure or service indicators), not a fixed date?
- ☐ Are desiccant or check-valve breathers fitted, inspected and replaced on schedule?
- ☐ Is oil sampled before and after filtration to confirm it's actually working?
- ☐ Are samples taken from a consistent, representative point every time?
- ☐ Is any result outside the ISO 4406 target investigated immediately, not left for the next round?

HOW TO READ YOUR RESULT

6–8 checked: Contamination is genuinely excluded and verified. Focus on sustaining breather and filter maintenance schedules.

3–5 checked: Some layers are in place but verification is inconsistent. Prioritise sampling before/after filtration first.

0–2 checked: Contamination control currently relies on visual inspection — a reservoir can look clean and still be out of target.

HOW THIS FITS INTO LUBRICATION RELIABILITY™

Step 4 kept the lubricant clean before it reached the machine. Step 7 keeps it clean while the machine is running, being filled and being maintained. Get this step right, and Step 8's condition monitoring is reading a system that's actually under control.

NOTES / ACTION ITEMS

COMPLETED BY

DATE

Ready to take control of contamination?

Request a free Lubrication Assessment at lubretec.com/contact or call +32 3 312 24 73.