



When do I have to perform maintenance on my machine?

On average, the cost to repair a machine is four times higher than the cost to properly maintain it. Depending on the repair, the cost can be up to 15 times higher than what you would have spent on a service plan once you factor in downtime. To start, we give you three general tips to keep in mind.

- Keep your equipment clean so that it's easier to detect worn or defective parts. Only use clean water, don't use flammable liquids.
- Make sure the surface is clean and that there are no obstructions in your path.
- Only let trained and qualified people inspect, maintain or repair machines.

Here you can find a checklist of what maintenance must be carried out when.



Daily

- ☐ Look for visible damage – Reporting visible damage quickly can prevent larger repairs in the future.
- ☐ Check your fuel, water, engine oil and hydraulic fluid levels – Low fluid levels can cause machine malfunctions, like failing brakes, resulting in some pretty nasty accidents.
- ☐ Check the tyre condition and pressure – Underinflated and /or damaged tyres will cause problems, your machine will not function as safely or as effectively as it could.
- ☐ Forks must be in good condition.
- ☐ Stickers and decals must be situated correctly and legible.
- ☐ Ensure the operator's cabin is clean and free of debris – A dirty cabin can lead to accidents (e.g. slipping on an old water bottle).
- ☐ Safety devices (e.g. seat belt, finger guards) must function correctly. Safety first!
- ☐ Make sure your steering, accelerator and brakes work.
- ☐ Make sure the arm/lift works (tilt and hoist).
- ☐ Check if the horn, lights, and back-up alarm function correctly.
- ☐ Inspect the hoses for damage - Make sure that the hoses don't leak.



Quarterly

- ☐ Change the oil and oil filter - Remove and dispose of the old oil and fill the engine with new oil. Make sure you don't overfill.
- ☐ Lubricate the chassis and mast components.
- ☐ Check the condition (cracks) and tension of the drive belt.
- ☐ Check the hydraulic oil pressure.
- ☐ Clean the radiator with compressed air.
- ☐ Drain the water separator.
- ☐ Adjust mast support, tilt cylinder pins and chassis links.
- ☐ If the machine is equipped with a spreader, inspect the four twistlocks.



Yearly

- ☐ The air, fuel, transmission and hydraulic filters must be replaced - Using dirty filters is like using no filters at all.
- ☐ Replace the drive axle and transmission oil.
- ☐ Change the hydraulic oil and make sure to add 3% of Lubrizol.
- ☐ Replace the water separator.
- ☐ Inspect lift chain tension, mast operation and carriage rollers.
- ☐ Change the wheel bearing grease as well as the engine coolant.



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