

# LEARN WHEN TO CHANGE THE FILTERS IN YOUR INDUSTRIAL VEHICLES

Wondering when to service and replace the filters in your industrial vehicles? We've created the following overview to make things simple.

The tasks are divided into three types of maintenance:

- + MINOR MAINTENANCE:** tasks that need to be performed after every 250 hours of vehicle use.
- ++ INTERMEDIATE MAINTENANCE:** tasks that should be performed every 3–6 months, or after every 500 hours of use.
- +++ MAJOR MAINTENANCE:** tasks that need to be completed on a yearly basis, or after every 2000 hours of use.





You should repeat all minor maintenance tasks when performing intermediate maintenance, and repeat the minor and intermediate maintenance tasks once again during major maintenance.

**Please note: these are general guidelines and you should always take into account the manufacturer's guidelines that are found in your machine's service manual.**



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	THE ENGINE 	THE DRIVETRAIN 	THE HYDRAULICS 	THE CABIN 
<b>+ MINOR MAINTENANCE</b> (every 250 hours of use)	<ul style="list-style-type: none"> <li>• Change the engine oil filter.</li> <li>• Clean or change the air filter. Check the filter first. Only replace the air filter when the restriction level has reached the maximum recommended by the engine or equipment manufacturer.</li> <li>• Replace the outer element of the filter.</li> <li>• You also need to inspect the entire air-cleaning system. Make sure the inlet and outlet connections are in good condition, replace rubber connectors if necessary, and reset the service inhibitor.</li> </ul>	<ul style="list-style-type: none"> <li>• Perform a visual check of the entire transmission filter. Look for possible damage and leaks.</li> <li>• If possible, also check the tubing, connectors and fittings for damage and leaks.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the level and cleanliness of the hydraulic oil. If the oil is not clean, the oil should be changed and the filter replaced.</li> <li>• If possible also check the tubing, connectors and fittings on possible damage and leaks.</li> </ul>	<ul style="list-style-type: none"> <li>• Test the ventilation. If no problems are noticed, you're ready for another 250 hours of operation.</li> <li>• If possible, also check the tubing, connectors and fittings for damage and leaks.</li> </ul>
<b>++ INTERMEDIATE MAINTENANCE</b> (every 500 hours of use)	<ul style="list-style-type: none"> <li>• Change the fuel filter. If your engine runs on diesel, also replace the prefilter. If it runs on LPG, replace the LPG filter.</li> <li>• Clean the radiator exterior and replace the fuel filter.</li> <li>• Replace both the inner and outer filter elements.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the transmission filter.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the hydraulic filter.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the air filter that's responsible for ventilation in the cabin.</li> </ul>
<b>+++ MAJOR MAINTENANCE</b> (every 2000 hours of use)	<ul style="list-style-type: none"> <li>• Check and replace the fuel filter and fuel strainer element. For diesel trucks, also replace the water separator.</li> <li>• Clean or replace the interior ventilation filter.</li> <li>• Renew the cooling liquid and replace the water filter if your machine has one.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the transmission filter.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the hydraulic filter.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the air filter that's responsible for ventilation in the cabin.</li> </ul>