# International Pump Truck Preventive Maintenance

Preventive maintenance checklist based on 500 hour for the truck 250, 500 and 1,000-hour intervals to the pump

Checklist:

* Check engine oil and coolant levels daily.
* Inspect and maintain pump system seals and valves.
* Clean and lubricate PTO components.
* Inspect pump drive belts and hoses.
* Test pump pressure relief valve.
* Drain water from fuel/water separator.
* Check and clean air filters.
* Inspect tank integrity and connections.
* Check brakes, lights, and steering system.
* Lubricate driveline and chassis points.

For the pump

* Every 250 hours:
* Change the oil in the pump housing (use manufacturer-specified rotary vane oil).
* Clean or replace the oil filter screen if installed.
* Inspect vane wear and ensure smooth rotor movement.
* Every 500 hours:
* Check vanes for wear or chipping, replace if worn beyond limit.
* Inspect bearings and internal clearances.
* Inspect and tighten all bolts and fasteners on the pump assembly.
* Annually or every 1,000–1,500 hours:
* Full inspection and rebuild recommended, especially if pump performance degrades.
* Replace vanes, gaskets, seals, and inspect housing and rotor for scoring or corrosion.
* Flush oil system if there's contamination (dust, water, abrasive fines).