



OREGON STATE FIRE MARSHAL

ENGINE PROGRAM

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OPERATIONS BULLETIN #24-03

Date: 9/25/2024
Apparatus: Type 3 – 2024 & 2025 International HV507
Subject: Auxiliary Pump Overheating

There have been some reports of overheating of the auxiliary pumps in type 3 engines. The following will assist in preventing overheating.

- The Type 3 has a pump cooling valve that will help cool the main pump and the auxiliary pump.
- The radiator on the auxiliary pump needs to be kept clean for proper cooling. Per the owner's manual, if the radiator fins are filled with dirt or debris, then the radiator needs cleaned.
- If a pump overheat warning is displayed but the pump is not overheating, this is a Kubota issue. Please complete a Warranty form on the [OSFM Engine Program Website](#) and OSFM will have General Fire streamline this process.

To help prevent the auxiliary pump from overheating on a Type 3, please follow the steps below.

1. The tank to pump valves need to be open (see photo below).
2. The additional cooling valves that were added are to help cool the pump (see photo below). While the pump is in operation, the pump cooling valves should be open. Keep cooling valves closed when not pumping.
3. Please remember that a Waterous Pump overheat indicator was added to the pump panel. The Waterous and air clearance dimensions are designed properly, with an opening to the top, along with the side door having hole cut outs.



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