



# Radiator Blowout: Wheel Loaders

## Standard Operating Procedure

WASTE  
REDUCTION  
& DISPOSAL  
DIVISION

### Greens Processing

Periodic radiator blowout is essential! By keeping the cooling system free from dust, debris and trash, the operator ensures positive cooling. Benefits include long engine life, improved engine performance, reduced fuel consumption and exhaust emissions.

1. Always allow five-minute cool down prior to engine shut-off.
2. Ensure you are wearing all safety gear (i.e., glasses, gloves, respirator, dust masks, etc.).
3. Secure Park mode – all attachments lowered.
4. Open up protective radiator grill guards, bonnet or cowling.
5. Split transmission cooler, if applicable.
6. Blowout transmission cooler, radiator and air cooler.
7. Close machinery guards and bonnets.
8. Ensure all latches and locks are in place and air indicators are in the green.

**\*NOTE – This blowout procedure is to be done a minimum of four (4) times a day. More frequently, if necessary.**

#### **Benefit of Compliance to Instruction:**

- Increased life span of machinery
- Increased productivity
- Reduced fuel consumption

#### **Consequence of Non-Compliance to Instruction:**

- Machinery breakdown -> high cost of replacement parts
- Reduced productivity
- Increased emissions
- Disciplinary action

*Environmental Management System (EMS) –ISO 14001*

*PROCESS MAP #: GP-1.0*

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