

Animation Worksheet: Overheating Causes

Name: _____ Date: _____

1. A _____ level is a primary cause of overheating because the system relies on fluid to regulate engine temperature.
2. When coolant is low, there is less fluid to absorb and carry away heat, which often leads to _____ in the engine.
3. Low coolant levels can also allow _____ to form inside the cooling system, further obstructing flow.
4. A _____, dirty, or clogged radiator can cause overheating by reducing coolant flow and limiting heat dissipation.
5. If a radiator is internally clogged with _____, debris, or sludge, it restricts the flow of coolant through the core.
6. A defective _____ or electric fan will cause a lack of airflow over the radiator, especially when the vehicle is idling.
7. Incorrect engine _____ can cause overheating if the combustion process occurs at the wrong time in the piston stroke.
8. A low engine _____ level can contribute to overheating because oil is responsible for reducing friction between moving parts.
9. In vehicles with mechanical cooling fans, a _____ fan drive belt will stop the fan from spinning, resulting in no airflow over the radiator.
10. A defective _____ is another common cause, as it may remain closed and prevent coolant from circulating to the radiator.