

Trouble Solution for Overheat

機密文書・複製厳禁 電子ファイル転送厳禁

Tohatsu corporation



Why Overheat is happened??

It is happen when the engine is not properly cooled

Simplig

The engine will be stopped automatically to prevent overheating when the cooling water reaches approximately 75°C or more Not enough cooling water in the engine

Cooling water temperature reaches 75 degrees



Overheat sensor failure

High speed operation without nozzle

Engine temperature reaches 75 degrees



Overheat Case 1 Engine stop with no suction operation

Engine left on...

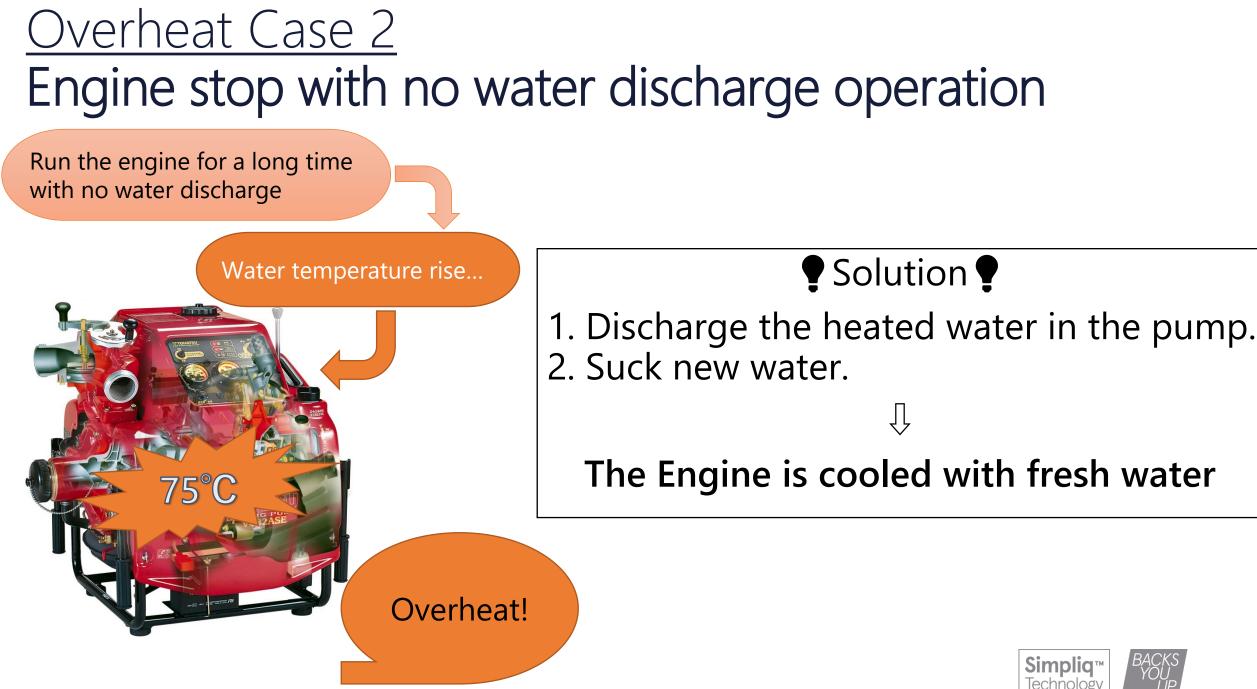
Engine temperature rise...

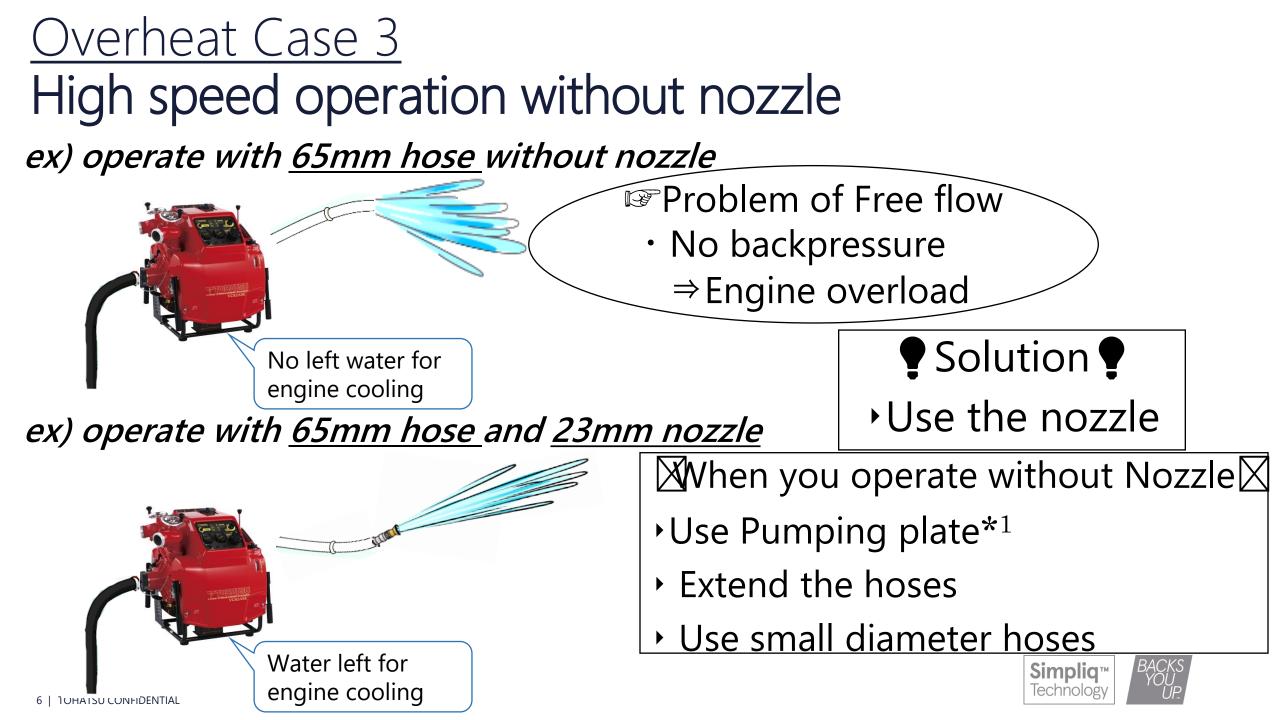


Solution

 Operate with suction and provides sufficient cooling water to the engine







Overheat Case 4 Not enough cooling water in the engine

Not enough cooling water is coming

Check Point
Water jacket clogs and dirt
Dirt on the bottom of the muffler
Dirt on Suction strainer



• Flash with clean water after use

•Open muffler drain*2 and remove trash, sand and mud

Solution

Clean Suction strainer basket

•Use Floating strainer*3

•Use Maintenance bucket*4



Overheat Case 5 Overheat sensor failure



\boxtimes How to check \boxtimes

Overheat!

- Check the overheat sensor reacts in hot water around 80 °C
- If it not energizing...

Do not fall

under Case1 to 4

⇒Overheat sensor*⁵ failure

Sensor malfunctions when water enters grommet







