

DETROIT DIESEL



reliabilt[®] vs Non-Genuine **No Comparison**



Always Use Genuine
reliabilt[®] Water Pumps
On Your Series 60 Engine.



See reverse side to find out why.

CONFIDENTIAL:
Certified DDC
Technician
Use Only!

Here's what the engineers said.

Genuine

reliabilt® water pumps provide the efficiency and dependability vital for engine cooling system performance.

- A hose retention bead around the water inlet reduces static leaks.
- The six-vane impeller in a **reliabilt®** Series 60 water pump provides optimum cooling.
 - This feature is extremely critical for Series 50 and Series 60 engines with top liner cooling.
- Fully warranted and supported by Detroit Diesel Corporation and supported by Detroit Diesel's worldwide distributor and dealer network.



*Findings are the result of a head-to-head engineering study comparing a Series 60 water pump to non-genuine.

DETROIT DIESEL

A DaimlerChrysler Company



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Non-Genuine

After a thorough analysis of non-genuine water pumps, Detroit Diesel's engineers found many areas of suspect quality.

- Parts were misrepresented and mislabeled.
 - DDC found many instances where part numbers on the box did not match the pump itself.
 - Some of the pumps were old style configurations with numerous deficiencies.
- No hose retention bead around the water inlet increases the chances of leaks.
- Outdated water pump seal design that was used provides insufficient performance.
- Incorrect impeller was used in some pumps.
 - Seven-vane impeller decreases cooling capacity by as much as 10%.
- Incorrect cover gaskets were found.
- Incorrect impeller retention bolt was used.
 - The incorrect bolt does not have a threaded hole to accommodate the special tool used to determine water pump gear lash.
 - The incorrect bolt is not designed with the flanged head essential to maintaining consistent torque during operation.

