

GENERATOR FUEL MAINTENANCE

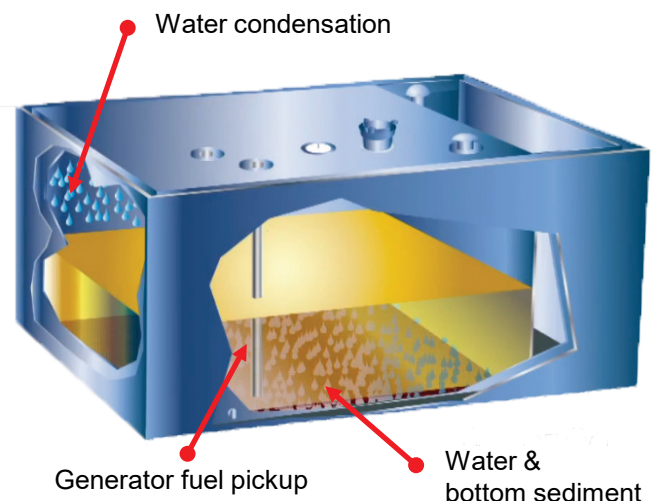
Why it's important

- **One of the most common causes of failure for a diesel generator is inadequate fuel quality**
- **If left untreated, diesel can deteriorate after 6 months and even become useless after 2 years**
- **Fuel maintenance keeps diesel fuel ready for optimal generator performance**

Maintaining fuel quality is critical to a diesel generator's operation. Unlike diesel fuel systems for vehicles, standby power systems can sit unattended for long periods. This makes them particularly susceptible to diesel fuel issues. Water condenses in fuel tanks, promoting algae growth which clogs the filters and can damage the engine's fuel system. Over time, this contamination can cause the fuel to become degraded or even useless.

To prevent fuel issues from occurring, Clifford Power offers an effective Fuel Maintenance process to keep your generator fuel in optimal condition, protecting your diesel power system.

- Prevents failures from water contamination, algae growth, sediment
- Exposes potential fuel-related performance issues
- Maintains cetane levels to avoid fuel system damage
- Prevents gelling in cold weather conditions
- Includes third-party lab testing with options to meet NFPA & TJC requirements



Fuel Maintenance Improves Generator Reliability

How it works

✓ **FUEL TREATMENT**

Our treatment process covers the full spectrum of potential fuel issues. Our Technician adds the appropriate amounts of product to fight micro-organism growth, prevent gelling, boost cetane levels and stabilize fuel. Treatment also disperses contaminants and adds lubrication to the fuel.



✓ **FUEL TEST SAMPLING**

Our Technician pulls a fuel sample from the bottom of the tank near the fuel pick-up level. We visually analyze the sample for water or sediment and ship it to an independent lab for testing to verify gel, flash, cloud points, and cetane levels.

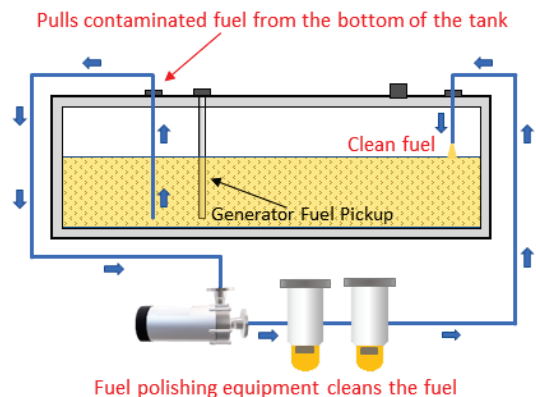
- Our sampling method complies with ASTM standards for fuel testing required by the NFPA, and we're one of the few providers in the nation with a lab analysis option to meet TJC requirements.



✓ **FUEL POLISHING**

If fuel issues are found, we offer fuel polishing to return your fuel to optimal condition. Our Technician applies the appropriate shock level of products and cleans the fuel with our fuel polishing equipment to remove contaminants, sediment and water.

- This is an economic and environmentally-safe alternative to replacing fuel; all fuel is recycled with no loss of product.

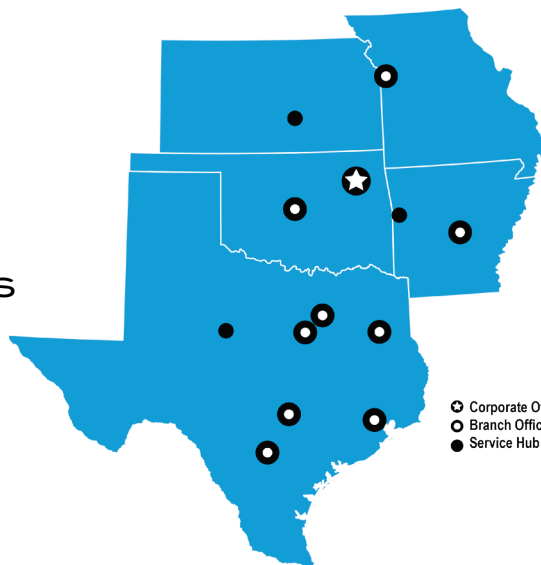


TIP: Always keep your generator fuel tank full. This limits the amount of surface area available for water condensation and provides a longer run-time during a power failure.



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