

## GENERATOR FUEL MAINTENANCE

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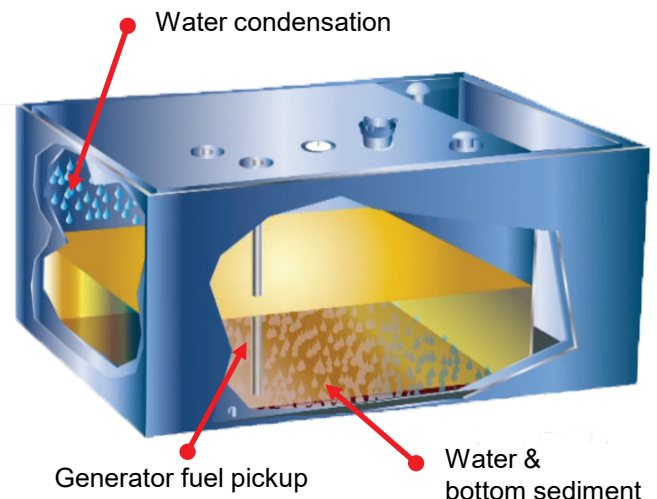
### Why it's important

- **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, making 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 that meets NFPA & JCAHO requirements



### Fuel Maintenance Improves Generator Reliability

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## How it works

- ✓ 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.



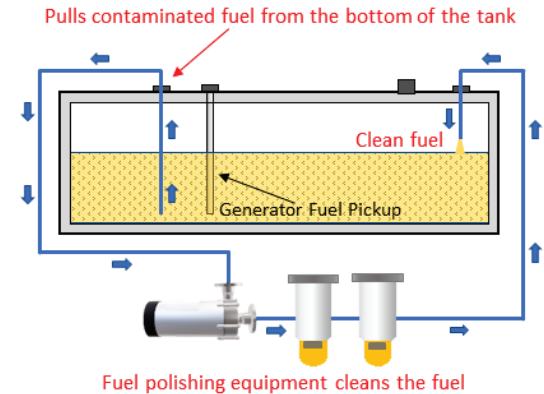
- ✓ Our Technician pulls a fuel sample from the bottom of the tank, near the fuel pick-up level. We visually analyze the sample for water or sediment and ship it to an independent laboratory for testing to verify gel, flash, cloud points, and cetane levels.

- Our sampling method complies with ASTM standards for regular fuel testing, and as required by the NFPA. Plus, our method is one of the few JCAHO compliant fuel tests on the market.



- ✓ 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.

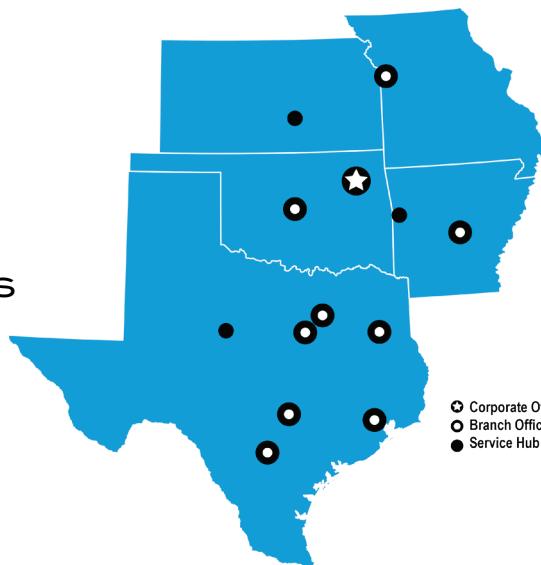


**TIP:** Always keep your generator fuel tank full. This limits the amount of surface area available for water condensation, plus, it provides a longer run-time during a power failure.



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