

# Are there Generator Killers in your Fuel?

## Find out with a Pass/Fail Fuel Test.

### Water & Particulate

Water & Sediment in fuel can cause corrosion, wear, bacterial growth and premature fuel filter clogging. The amount of water in fuel should not exceed 500 ppm (0.05%). Sediment should be no greater than 100 ppm (0.01%).

### Microbials

Bacteria, Fungi and Mold are indicators of, and contributors to additional fuel problems. Water can build up at the bottom of storage tanks and create an excellent breeding ground for biological growth.

### Contaminate Fuels

Lighter or heavier fuels that have been mixed in with the diesel will result in engine failure.



This basic wellness package will give the pass/fail indicators of each of the above problems.

| Test                    | Units     | Method                     |
|-------------------------|-----------|----------------------------|
| Distillation, IBP       | Degrees F | ASTM D86                   |
| Distillation, End Point | Degrees F | ASTM D86                   |
| Sulfur                  | ppm       | ASTM D5453                 |
| Microbial Growth        | pos/neg   | Microscopic/Culture Growth |

If your fuel fails the basic wellness test, running the below additional tests will verify the indicated problems and will give the technicians the answer as to what needs to be done to make the sure your fuel will support the generator in a time of emergency.

|                         |      |            |
|-------------------------|------|------------|
| Dissolved Water by K.F. | ppm  | ASTM D6304 |
| Flash Point             | PMCC | ASTM D93   |
| Sediment & Water        | Vol% | ASTM D2709 |

## Think your generator is Safe? Prove it.