



# Diesel Fuel Test Kit

DS-1

Find out in less than 48 hours what is growing in your fuel tank.

KNOW BEFORE YOU BURN · Check it before it causes a problem



## How to Run the Test

- 1 Remove the slide from the tube. DO NOT touch the slide surface — it will detect bacteria on your fingers.
- 2 Dip the slide into the fuel sample for 30 seconds. Use a bottom-of-tank sample when you can.
- 3 Shake off the excess fuel, then put the slide back into the tube.
- 4 Store the tube in a desk drawer or any dark, warm place.
- 5 Inspect the slide at 24 hours, 36 hours, and 48 hours.

## Test Interpretation Guide

### Clear Side — Bacteria

Reaction window: 24–36 hours after exposure

#### No spots

Good news — no bacterial growth detected.

#### Any spots or discoloration

Indicates bacterial presence. Act now.

### Dark Side — Mold / Algae

Reaction window: 36–48 hours after exposure

#### No spots

Good news — no mold growth detected.

#### Any spots, fuzz, or color change

Indicates mold activity. Act now.

ANY REACTION REQUIRES IMMEDIATE ACTION.

The primary problem is water.

Adding a biocide is NOT the next step.

### If the test is positive

Find the water first. Polish the fuel. Then decide on treatment. Pair DS-1 with the FCT-100 water and clarity kit.

24–48 hr

Time to Result

Bacteria + Mold

What It Detects

Bottom Sample

Best Practice

One Test

Do Not Reuse

No Lab Needed

On-Site Test

## After the Test

## DS-1

Water in the tank is the cause of the problem. Remove the water first. Dieselcraft distributors can supply polishing systems and water-removal options. Do not start with a biocide.



### Positive result — growth on the slide

Spots, dark colonies, or a color change mean microbes are active in the fuel.

### One test only

This slide is good for a single test. Do not reuse it.

### Safe disposal

Fill the tube with household bleach, re-insert the slide, and put it in the trash.

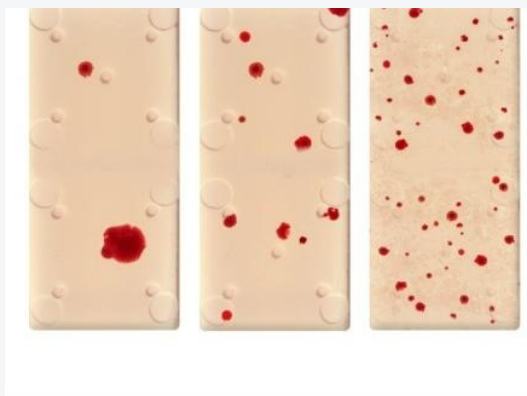
### Keep checking water

Order Part # FCT-100 for regular water and fuel-clarity checks.

### Other Dieselcraft tests

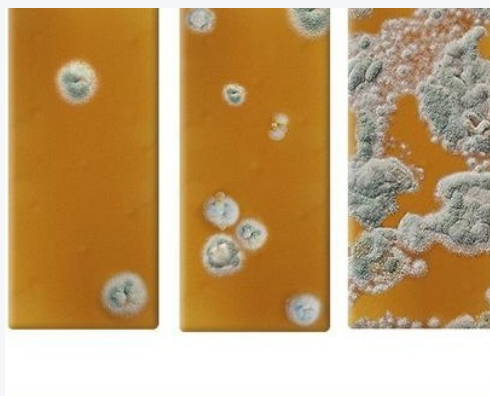
We also test for DEF in diesel, gasoline in diesel, and free water.

## What Growth Looks Like



### Bacteria examples

Red spots or discoloration on the clear side — 24 to 36 hours.



### Mold examples

Spots, fuzz, or color change on the dark side — 36 to 48 hours.

### Pair DS-1 with FCT-100

Water and fuel-clarity kit · [dieselcraft.com/test-for-diesel-fuel-contamination-and-water](http://dieselcraft.com/test-for-diesel-fuel-contamination-and-water)

**Order from your distributor**