

## **Microbial Contamination Field Test**

For the detection of microbial growth in diesel fuels

### **CONTENTS**

Yeast and mold test strip Bacteria test strip Small tube with distilled water Disposable dropper

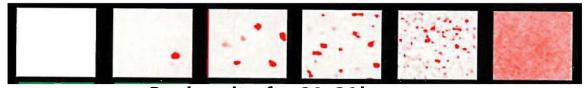
### **Instructions:**

Note: When handling test strips, try to limit touching the pad surface by holding the test strip near the label.

- 1. Obtain your fuel sample from vehicle, storage tank or filler nozzle.
- 2. Remove test strips from ziplock bags (save bags), labeled Bacteria and Yeast and Mold.
- 3. Use dropper and water in small vial to moisten the pad end on the test strip.
- 4. Dip pad end of test strip into fuel sample for 5-10 seconds.
- 5. Remove strip from sample and gently shake off excess fuel.
- 6. Place test strips back in separate small ziplock bags for incubation. Seal the bags.
- 7. Store the bags in a warm place  $(75^{\circ}-85^{\circ})$  for best results) for 36 72 hours.

Interpret the results as indicated below.

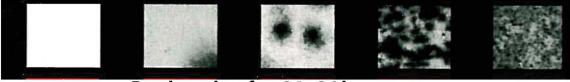
### **Bacterial Contamination Chart**



Read results after 24 - 36 hours

PASS ---> <--- FAIL

# **Yeast and Mold Contamination Chart**



Read results after 24 - 36 hours

PASS ---> <--- FAIL

#### **Disclaimer and Warranty**

All Fleet Biodiesel and Fleet Fuel Testing field tests are offered only as general indicators of fuel quality. All commercial tests – even analytical tests performed according to ASTM specifications – are subject to error due to sampling techniques, unique fuel attributes, as well as statistical anomaly. Failed test should be verified by repetition or more detailed analytical testing. No warranties, either expressed or implied, are made regarding the accuracy of the tests or the quality of fuel that is tested.