



[www.dieselfueltestkit.com](http://www.dieselfueltestkit.com)

## Diesel Fuel Test Kit Part # FT1

### General information

Each test kit is individually packaged in a zip bag for in-house workshop / service department, customer use or retail counter sales. User instructions are on the back of the packaging. The kits can be used as an additional sales up-sell item when vehicles or equipment are serviced. Show owners the condition of their fuel or they can be used as part of your own equipment / facility maintenance program. Test results of Algae / water or other visual contamination found can assist into selling the customer fuel additive products to help stabilise / improve clarity / break down water in the fuel or the need to change filters / undertake additional service items etc.

**Test Part A** - The 4 visual sight indicators will allow you to ascertain the general quality of the diesel. The clarity alone will assist in diagnosing the condition of the diesel fuel when the indicators are viewed through the back of the bottle and the sample is checked for visual contamination.

**Test Part B** - The water detection strip will show you if water is present in the test sample. If water is present in the sample this will indicate the conditions required that will allow algae / bacteria to form and grow in your diesel fuel.

### How to use the diesel fuel test kit.

Do not remove detector strip from the packet until ready for use. Wear the gloves provided in the kit when handling to avoid spoiling test strip.

1. Remove a sample of diesel fuel and fill the test bottle. Fuel can be taken from a filter drain, old filter contents or tank access point.
2. Remove water test strip from the foil bag, wipe off excess powder, insert into bottle refit cap. Shake bottle for at least 30 seconds and allow it to rest for at least 5 minutes.
3. Observe the 4 visual sight indicators and water test strip through the back of the test bottle and evaluate as per the conditions below.

**Fail, picture 1** - If you cannot see the 4 indicators your test sample has failed the visual /clarity test. You should not see particles in your fuel and any slime like substance present is a good indicator of algae / bacteria problems. The water test strip will lose its colour if water is present in the sample. If you can see all 4 indicators but test strip loses its colour the sample has failed the test as water has been detected in the fuel.

**Pass, picture 2** - You should be able to view all 4 indicator letters and if the test strip maintains its gold colour and no particles of contamination are visible your test sample has passed and the diesel fuel should be considered in good condition.

NB. All diesel fuel contamination test kits can be used as general indicators of diesel fuel quality and as a first step in evaluating the condition of the fuel. They provide very good non quantitative results. The threshold levels good vs. questionable fuel indicators are modelled on general diesel fuel quality standards. Non hazardous materials used and contained in the test kits.

