



### Part # FT- 1: Water Detector / Haze Clarity Diesel Fuel Test Kit Instructions.

**Testing:** Fill the 100 ml / 4-ounce test bottle, remove cap from detector agent tube. Remove and split capsule, pour detection agent powder into the test bottle, screw cap on, shake for 30 seconds, allow bottle to rest for at least 5 minutes and view visual indicators as per sample images 1, 2, 3 and 4 below.

**Pass, images 1 & 2:** You should be able to view in some way the 4 pass indicators. If you can just view the outline of the pass indicators as in image 2 this is also a pass mark but fuel servicing should be considered.

**Fail, image 3:** If you cannot view the 4 pass indicators in some way your sample has failed the visual clarity haze test. You should also not see particles in your fuel sample and any slime like substances visually present is a good indicator of algae and bacterial bug problems present in your diesel fuel.

**Fail, image 4:** The detection agent powder will attach to any water present in your sample, thus turning the water into a pink, red or purple colour spot for easy identification. Depending on contamination levels, water will be detected @ 20 PPM (parts per million) & above. Best viewed from the bottom of the test bottle.



Degraded, dark & water contaminated fuel negatively impacts combustion & can cause breakdowns, damage to engines & fuel systems. The kit provides fast general results & can be used as a first step in fuel analysis. If your fuel fails testing, additives to stabilize / break down water / contamination in the fuel, or the need to change filters or undertake fuel servicing may be required.

The threshold levels good vs. questionable fuel indicators are modelled on general diesel fuel quality standards. If more definitive accurate tests are required or for critical application fuel testing use a laboratory for a complete quantitative analysis.

This test kit contains no hazardous materials within the meaning of the EU Dangerous Substances Directive 67/548/EEC.