



Part # FT- 1 Water Detector / Clarity Test

NB. Do not remove the water detection agent from the container tube until ready for use. When handling fuel wear eye protection & gloves.

Testing – Insert about 100 ml / 4 ounce sample of diesel fuel into the test bottle supplied, pop off cap from agent container tube; remove, split capsule, pour agent into the test bottle, screw cap on, shake for 30 seconds, allow bottle to rest for 5 minutes & view visual indicators as per images 1 & 2.

View the agent color from the bottom of the bottle as per image 3. The water detection agent will change from its natural color to a pink / purple color if water is present in the sample at around 20 PPM (parts per million) & above.

Fail, image 1 – If you cannot see the 4 indicators in some way your sample has failed the visual clarity test. You also should not see particles in your fuel and any visible slime like substances present is a good indicator of algae / bacteria problems.

Pass, image 2 – You should be able to view in some way all 4 visual indicator P A S S oval shapes.

Fail, image 3 – Pink / purple specks at the bottom of the test bottle indicate water contamination detected.



General – The 4 visual sight indicators allow you to ascertain the general quality of the diesel & the clarity of sample will assist you in diagnosing the condition of the fuel. Degraded, dark & water contaminated fuel negatively impacts combustion & can cause breakdowns & damage to engines / fuel systems. The test kits provide non quantitative results & can be used as general indicators of fuel quality as a first step in evaluating the condition of the fuel.

If fuel fails testing, additives to stabilize / break down water in the fuel, or the need to change filters or undertake fuel servicing may be required. If more definitive accurate tests are required use a laboratory for a complete numerical analysis. The threshold levels good vs. questionable fuel indicators are modeled on general diesel fuel quality standards. Non-hazardous materials contained in kits. Dispose materials responsibly, wear safety glasses & gloves when handling fuel & testing.

www.dieselfueltestkit.com
