



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

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 view the 4 oval indicators in some way your sample has failed the visual clarity haze 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 the 4 oval indicators.

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 haze 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 kit 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 your 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 of materials responsibly, wear safety glasses & gloves when handling fuel & testing.