

## **HydroSCOUT Analyser System**

### **Test for water in oil**

HydroSCOUT is a field portable test that quantifies water concentration in a variety of matrices, (oil, paint, solvents, liquid waste, soil, inks, etc). HydroSCOUT can quantify water content in two ranges for used oil, 0 to 20% and 10 to 100%.

It is an easy, inexpensive test that can be run in the field at the pickup point or in a laboratory setting with minimal training required. This method is ideal for accurately determining the true water content in used oil before acceptance or treatment. HydroSCOUT has been assigned USEPA SW-846 Draft Method 9001.

#### **Reagents**

##### **0 to 20%**

All of the reagents are premeasured and sealed in glass ampules for safe, accurate and consistent results. Results are obtained in 2 minutes utilising only a sampling syringe, one test tube and one breakable ampule. Each test comes with a disposal ampule that allows easy disposal of used tests in normal waste. The reagents are available in boxes of 40 tests or cases of 160 tests.

##### **10 to 100%**

Testing the water content of oil from 10 to 100% requires one additional step using a premeasured dilution vial. Dilution vials are available in separately packaged units of 12 vials per box.

#### **HydroSCOUT Meter**

The palm sized HydroSCOUT meter is programmed to determine water content in used oil over two common ranges. "Program A" covering the range 0 - 20 % can determine water content down to 0.15% (1500 ppm), v/v. Using the available dilution vials, "Program B" can measure water content up to 100%. Results are displayed in volume percent on a LCD.

The meter is menu driven for ease-of-use. Both programs auto-calibrate and perform quality control checks to minimize false negatives and ensure accuracy.



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