

Section Contents

Clor-N-Oil
Clor-N-Soil
L2000DX PCB/Chloride Analyzer
Dielectric Fluid
Soil
Water
Surface Wipes
PCB Accessories

Field Testing

PCB/Organic Chlorine Contamination



PCB in Dielectric Fluid • Soil • Surface Wipes

Dexsil's first PCB (polychlorinated biphenyl) test kit, Clor-N-Oil 50, was introduced in 1983 and has become the standard in testing for PCBs in transformer oil. In addition to the original 50 ppm kit, tests for 20, and 500 ppm are also available. Several improvements have been made to the Clor-N-Oil kits since their introduction including the addition of a "disposal ampule" which allows the kits to pass the USEPA TCLP and be disposed of as ordinary waste. A natural offshoot of the Clor-N-Oil kit was the Clor-N-Soil test for detecting the presence of PCBs in soil. In ten minutes, a Clor-N-Soil test will tell you whether your soil sample contains greater or less than 50 ppm PCB.

If you need a quantitative test for measuring PCBs in dielectric fluid, soil, and surface wipe samples, the portable L2000DX PCB/Chloride Analyzer provides a digital readout of analyte concentration from 3 ppm to 2000 ppm in soil and dielectric fluid. The L2000DX analysis procedure takes about the same amount of time as a Clor-N-Oil or Clor-N-Soil test, but has a lower limit of detection and can be used on a broader range of sample types.

Retrieving an oil sample from a transformer may sound like an easy task but quite often the oil itself is difficult to reach. Dexsil produces two types of disposable pipettes that are long enough to reach the oil in most transformers and thin enough to enter through the pressure relief valve. Each pipette has 12" tubing (choose flexible or rigid) connected to a bellows reservoir that can hold up to 20 ml of transformer oil. Custom lengths are available.

Dexsil's Wipe Test Kit is used to take on-site wipe samples for laboratory GC analysis. Wipe Test Kits are composed of a series of components that facilitate the sampling of surfaces in the field. They are designed to eliminate any chance of cross-contamination and make it easy to follow EPA sampling protocol. Storage vials, forceps, gauze pads, vials of chromatographic grade hexane, are supplied for each test. Chances of cross contamination are eliminated, and the hazards of transporting bottles of highly flammable solvents are greatly reduced.

Clor-N-Oil®

PCB Screening Kits For Electrical Insulating Fluids.



U.S. EPA SW-846 Method 9079

Designed to be used in the field, Clor-N-Oil is a fast, accurate method to test electrical insulating fluids for the presence of PCB. Each pocket-sized kit contains everything necessary to perform the test in less than 5 minutes. All premeasured reagents are sealed in glass ampoules for safe, fast, consistent and accurate results.

Clor-N-Oil is available for testing transformer oil at three different action levels; 20 ppm, 50 ppm, and 500 ppm. To eliminate the possibility of false negatives, Dexsil calibrates all Clor-N-Oil test kits on Aroclor 1242. Aroclor 1242 contains the least amount of chlorine (42% by weight) of the Aroclors found in electrical insulating fluids. By calibrating our test kits using Aroclor 1242, the user obtains the most conservative results. When Clor-N-Oil test kits turn purple, you can be assured your oil sample is below the action level.

Analytes	PCBs
Matrix	Transformer Oil
Detection Method	Fixed endpoint colorimetric titration
Action Levels	Above or Below 20, 50, 500 ppm
Analysis Time	Less than 5 minutes

	Catalog #
Clor-N-Oil 20	CL-020
Clor-N-Oil 50	CL-050
Clor-N-Oil 500	CL-500

(Patented)

Packaged 20 kits to a shelf pack, 80 kits per case.

Minimum order is 10 kits.

Orders greater than 10 kits must be in multiples of 20.

NOTE: This product contains mercury. Dispose according to local, state or federal laws.

Clor-N-Soil®

PCB Screening Kit For Soil

Soil analysis is not only expensive, but time consuming. PCB concentration, extent and location of site contamination are all critical when determining further action. Clor-N-Soil PCB field screening kits can help you make those decisions on-site in a matter of minutes.

Clor-N-Soil is a self contained test kit that allows field personnel to perform the test in less than 10 minutes without additional equipment or supplies. All premeasured reagents are sealed in glass ampoules for accurate and consistent results. The kit can be used to test any type of soil including sand, topsoil, sediment, and clay at a fraction of the cost of traditional laboratory testing.



Analytes	PCBs
Matrix	Soil
Detection Method	Fixed endpoint colorimetric titration
Action Levels	50 ppm
Analysis Time	10 minutes

	Catalog #
Clor-N-Soil	CS-OIL
(Patented)	

Packaged 12 kits to a shelf pack, 48 kits per case.

Minimum order is 6 kits.

Orders greater than 6 kits must be in multiples of 12.

NOTE: This product contains mercury. Dispose according to local, state or federal laws.