

MANUFACTURER'S GUARANTEE:

We will replace any broken or defective kits purchased through PINE Environmental Services or OIL-IN-SOIL, LLC.

If you are not satisfied with our product, return any defective kits for a refund. We reserve the right not to provide refunds if the kits have been tampered with in any way, or if not used in accordance with the OIL-IN-SOIL Instructions.

A SDS IS NOT NECESSARY FOR THIS PRODUCT BECAUSE OF EXTREMELY SMALL QUANTITIES OF DYES USED IN SUGAR CUBE. However product in soil may be hazardous. SDS for Dyes used is available.

RECOMMENDED PROTECTIVE EQUIPMENT:

Because you are testing for petroleum products, always use gloves and safety glasses when using the OIL-IN-SOIL™ kits.

Shelf Life is at least 10 years when kept away from DIRECT SUNLIGHT or temperatures more than 90° F.

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Manufacturers of Soil Screening Kits for:
Diesel Fuel - Heating Oil – Hydraulic Fluid
Gasoline – Lubricating Oil – Mineral Oil –
Kerosene and many other petroleum based
products

***OIL-IN-SOIL*™**
Oil Screening Test Kit

Instruction Manual

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“Congratulations on purchasing the easiest and fastest test kit available today for screening hydrocarbons and DNAPL!”

INTRODUCTION:

The OIL-IN-SOIL™ screening kit is composed of a plastic bottle; a label indicating recommended soil and water levels; a small Styrofoam ball, and a cube containing finely dispersed dyes which is glued to the inside of the jar lid.

In the RED version of the screening test kit the cube is impregnated with two dyes:

- OIL RED, a Red Azo Dye (Chemically Equivalent to SUDAN IV™ and NON Mutagenic) soluble in most petroleum products, red color and a
- Fluorescent Green/Yellow water soluble dye to color the water and provide a visual backdrop for the red dye.

The dual dye method is employed to improve detection by the user. The Blue soil test kits all contain only a blue anthraquinone dye and is primarily for users who are red-green colorblind.

USING THE KIT:

OIL-IN-SOIL kits are designed with ease of use in mind. Simply follow the instructions on the label:

Step 1 Fill the bottle with soil to the line “*Fill soil to HERE*” →

Note: Do not compact the soil.

Step 2 Fill the bottle to the line “*Fill water to HERE*” →

Note: ensure water is warm enough to dissolve the cube.

Step 3 Replace cap on bottle and shake jar until cube is **completely** dissolved.

If petroleum is present in the sample a red meniscus (or red spots on the side of the jar) will appear within 30-60 seconds. If color is not immediately apparent in the jar – check the polystyrene ball. The presence of ANY color on the ball (even a faint pink halo or hue) indicates the presence ore more than a small quantity in that sample material. Conversely, a “clean white” ball indicates, in general, that there is less than 500ppm petroleum..

Note: Whenever possible, use tap or bottled water for the screening tests. However, salt water can be used if necessary.

Cold water can inhibit the rapid release of viscous hydrocarbons from soil and cause False Negative results. Therefore, at temperatures below 68° F (20° C), we recommend an insulated jug with hot tap water.