

OIL IN SOIL, LLC

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OIL STICKS™ INSTRUCTIONS

Your search for a **PORTABLE, RAPID, and INEXPENSIVE** test for **OIL** or hydrocarbon is over! A 10 pack of our strips is easily kept in the shirt pocket glove box or desk drawer with practically unlimited shelf life. The strips were designed **TO DETECT OIL OR HYDROCARBON IN 3 Environments:**

IN SOIL – IN WATER - ON A SURFACE

HOW IT WORKS: Our *OIL STICKS™* change from a pale blue to a deep blue when they come in contact with free product oil or hydrocarbon. Even miniscule amounts of free product oil will cause dark blue spots to occur on the strips. The change in color is instantaneous.

SENSATIVITY: Remember *OIL STICKS™* are not analytical tests. They simply detect the presence or absence of oil. All analytical tests depend on a certain volume or weight of material and determine the amount of oil per unit volume, unit weight or unit area. In water, the *OIL STICKS™* are sensitive to about 10 ppm based on empirical data. We estimate the soil sensitivity to be about 1,000 to 2,000 ppm. It is sensitive enough to pick up oil on the skin.

FALSE POSITIVES CAN RESULT: **DO NOT TOUCH THE BLUE STRIP WITH YOUR FINGERS!** *OIL STICKS™* can detect the oil on fingers. To prevent false positives use a set of clean gloves between samples and avoid touching the blue strip.

HOW TO USE OIL STICKS IN WATER: Take a sample cup of water. Rinse the container 2 times with the sample water. Swirl the blue strip of the *OIL STICKS™* in the water sample to be tested. Make sure the strip touches the sides of the sample container where oil attracts at the interface between the jar air and water (the meniscus). If the strip turns dark blue or **DARK BLUE SPOTS APPEAR , OIL IS PRESENT!**

HOW TO USE OIL STICKS IN SOIL: Rub the strip in the soil or take about 3 tablespoons of soil sample in a clean cup. Add enough water to cover the sample and stir with a clean stirrer. Wait about 1 minute and swish the blue strip of the *OIL STICKS™*. Make sure the strip touches the sides of the sample container where oil attracts at the interface between the jar air and water (the meniscus). If the strip turns deep blue or deep blue spots occur on the blue strip, oil or hydrocarbon is present.

HOW TO USE OIL STICKS ON SURFACES: Simply rub the blue strip of the *OIL STICKS™* on the surface to be tested. If the strip turns deep blue or deep blue spots occur on the blue strip oil or hydrocarbon is present.