

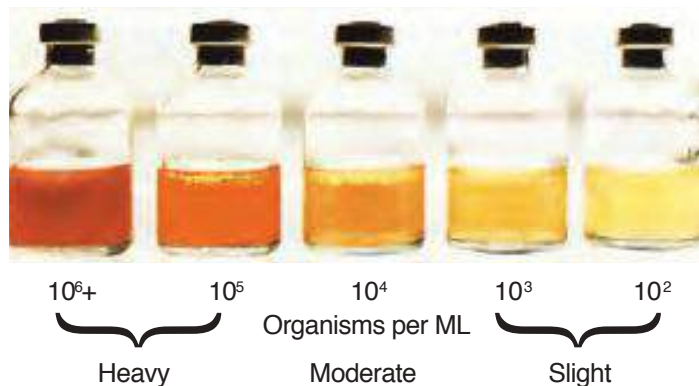


FUEL TESTING KIT

Liqui-Cult Microbial Activity Test and Kolor Kut Water Finding Paste

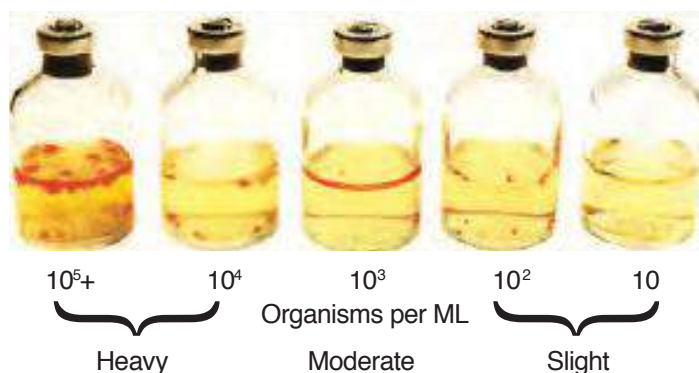
Liqui-Cult Fuel Test Kits are an excellent tool to monitor fuel tanks for microbial activity. Liqui-Cult accurately detects and quantifies bacterial and fungal growth in water, fuel, oil, and other fluids. Using Liqui-Cult as part of a regular fuel maintenance program will increase the opportunity to identify fuel related problems. The Liqui-Cult kit comes with a pack of ten (10) sealed test bottles and ten (10) syringes.

◆ BACTERIAL GROWTH



After 30 hours, compare the color density of the sample bottle to this color chart.

◆ FUNGAL GROWTH



◆ LABORATORY TESTING

AXI works closely with well known and established research labs for water, fuels, and oil. Depending on the application and type of contamination in stored fuel, lube oil filtration, hydraulic fluids, and symptoms, such as high engine wear, injection system failures, filter plugging, smoke, carbon and soot deposits, we will analyze the situation and recommend the test protocol. We will work collectively to develop a remedy and treatment procedure to ensure the integrity of the fuel and oil.

◆ LIQUI-CULT DIRECTIONS

1. Collect a fuel sample in a clean, dry container.
2. Remove the center seal from the metal cap of a test bottle. Unwrap the syringe, remove the needle guard, and insert the needle into the fuel sample. Draw the plunger and fill the syringe with 5CC of fuel.
3. Insert the needle through the rubber cap on the bottle and inject the sample into the test bottle. Remove the needle from the bottle, replace the needle guard, and discard the syringe according to local, state, and federal guidelines. Shake the test bottle vigorously to mix.
4. Incubate the bottle at room temperature and compare the sample to the pictures on this sheet. After 30 hours, inspect the test bottle for bacterial growth. At 72 hours, inspect the test bottle for fungal growth.

◆ STORAGE & DISPOSAL

Liqui-Cult should be stored at room temperature 68°-75°F (20°-24°C). Protect from light. Do not refrigerate. Under a fume hood, fill the bottle with bleach and let stand for 24 hours. Discard in an appropriate manner.

◆ KOLOR KUT WATER FINDING PASTE



Kolor Kut Water Finding Paste offers a simple way to check for the presence of water in petroleum fluids, such as gasoline, kerosene, diesel, and heavy fuel oil, by "sticking" the tank with a rod or measuring stick with the paste applied to it. The color of the paste changes instantly upon contact with water.



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