

INSTRUCTIONS FOR
Clor-D-Tect® Q4000 High Range KIT

Clor-D-Tect Q4000 High Range Kit is designed to be used in conjunction with the Clor-D-Tect® Q4000 kit as an quantitative test for the measuring a 0 - 10 % range of chlorine contamination in used oil.

Each **Clor-D-Tect Q4000 High Range** kit includes a glass vial of colored dilution solvent and a sampling syringe. The kit should be examined upon opening to determine that all of the components are present and that the vial is in place and not leaking.

READ ALL INSTRUCTIONS BEFORE PERFORMING TEST

DIRECTIONS

1. **Preparation:** Remove the glass vial from the box and place the vial on a flat surface.
2. **Sample Extraction:** Unscrew the cap from the glass vial of dilution solvent. Work the plunger on the sampling syringe a few times to ensure that it slides easily. Place the tip of the syringe into the sample to be tested and slowly pull back on the plunger until it reaches the stop and cannot be pulled further. Remove the syringe from the sample and wipe any excess sample from the outside of the syringe with half of the tissue from the Clor-D-Tect® Q4000 test kit. Check the contents of the sampling syringe to ensure that the test sample is free of air bubbles. (If not, discharge the oil sample and obtain a new sample). Place the tip of the syringe into the glass vial and dispense the sample by depressing the plunger. Replace the screw cap of the glass vial and shake thoroughly for 10 seconds.
3. **Analysis:** Using the prepared sample from Step 2, complete the test analysis, following steps 1 through 7 in the printed instructions enclosed with the Clor-D-Tect® Q4000 test kit.
4. **Result:** Read the value on the titration burette at the black tip of the plunger rod. To determine the total percent (%) concentration of the original oil sample, *divide* the measured value on the burette by 400. (Read the burette value immediately as the purple color will fade with time).

[eg. $2400 \div 400 = 6\%$]

5. **Disposal:** Follow the disposal procedure as described in the Clor-D-Tect® Q4000 instructions.

CAUTION

- In case of spillage onto skin or clothing, wash immediately with large amounts of water.
- Contents should not be taken internally.
- Dispose of used kits properly. Specific state and local regulations may apply.
- Wear rubber gloves and safety glasses while performing test.
- Keep Out of Reach of Children.
- Read the Material Safety Data Sheet before performing the test.

MANUFACTURER'S WARRANTY

This kit is warranted to be free of defects in material and workmanship. Manufacturer's sole and exclusive liability under this warranty shall be limited to replacement of any kit that is proved to be defective. Manufacturer shall not be liable for any incidental or consequential damages.

Reliable test results are highly dependent upon the care with which the directions are followed and consequently, cannot be guaranteed.