EXTENDED LIFE COOLANT (ELC) CONTAMINATION TEST

a **Collect Sample:** Using the pipette, remove a pipette full of coolant sample. Dispense the coolant sample into the sample cup.

CAUTION: Do not remove radiator cap on a hot engine. Wait until the temperature is below 120°F (50°C) before removing radiator cap. Failure to wait may result in personal injury from spray of hot coolant and steam. Remove the cap slowly to relieve all pressure.

b **Determine RA:** Using the test strip marked ***Reserve Alkalinity Strip***, dip an RA test strip into the coolant sample for 2 SECONDS and remove. Shake once briskly to remove excess sample from strip and wait 30 SECONDS. Match the color to the closest RA color spot. If RA level is LOW (orange-red or brownish-orange), use the ORANGE capped vial in step c below. If the RA is HIGH (greenish to green) use the CLEAR capped vial in step c (on other side).

RESERVE ALKALINITY (RA) TEST

Use **Orange** Capped Tube

Use **Orange** Capped Tube

Use **Clear** Capped Tube

ACUSTRIP® EXTENDED LIFE COOLANT (ELC) CONTAMINATION TEST

C Determine Corrosion Inhibitor Contamination Level

1. Fill sample cup EXACTLY to the 5ml line with coolant and add sample to the solution in the appropriate vial determined in step b.
2. Recap the vial and shake for a FULL 15 SECONDS.
3. Uncap the vile, and using a ***Contamination Test Strip***, dip the contamination test strip for 2 SECONDS. Remove and shake once briskly to remove excess coolant sample. After 60 SECONDS, match the color on the test strip to the contamination color spot closest to the strip pad color.
4. Report results: **PASS** – your corrosion inhibitor does not show excessive contamination. No action is required. **FAIL** – an unsafe level of contamination of your corrosion inhibitor is indicated and coolant revitilizer should be added in accordance with your manufacturer's recommendation. Or the coolant should be changed out.