



Extended Life Contamination Test Specifications & Instructions

**R071-ELC * R171-ELC
(Rotunda part number 328-071ELC)**

Please read all instructions and safety information prior to using product.

Introduction

The Acustrip R071-ELC series of test strips are available for extended life coolant. Experts recommend testing extended life coolant at every oil change interval to measure its purity and detect possible contamination. Use the test strips and add extender to extended life coolant at 300,000 miles or sooner if indicated by the test strips. This can double the remaining useful life of the coolant. Testing your extended life coolant can help detect depletion of additives and help prevent small problems from becoming big ones.



Availability

The Acustrip R071-ELC series is sold in quantities of 10 strips or 100 strips. It is also sold as Ford Rotunda Part Number 328-071ELC (formerly 328-00008).

Material Data Safety Sheets for our products are available at: www.acustrip.com/msds.html

General Procedures

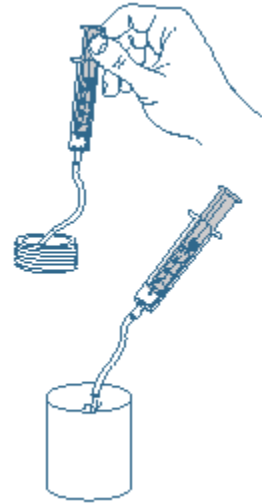
Test antifreeze coolant before maintenance is performed. The test strips should be used by the date on the packaging. For best results:

- Start with clean, dry hands and utensils.
- Run test in a well-lit area with natural light if possible.
- Antifreeze coolant sample should be between 40° and 110° F.
- Follow the test procedure enclosed with the strips.
- Dip the reactive (pad) end of the test strip into the antifreeze coolant.
- Test again if drain 1/2 or drain all maintenance is performed.
- If the result falls between colors, select the block in between.
- Read the color of the test strip after one but not more than after three minutes. (The pad's color will change as the pad dries).

- Below 50° F read the color after 2 but before 5 minutes.
- Use the test strips by the expiration date on the bottle.
- Discoloration is caused by exposure for long periods above 100°F, direct sunlight, or leaving the bottle caps open for an extended period of time.
- On occasion the dye in your antifreeze coolant may interfere with an exact match on the color chart. If this occurs, select the best match by color shade or depth. With practice, you will gain confidence and proficiency with the test strips.

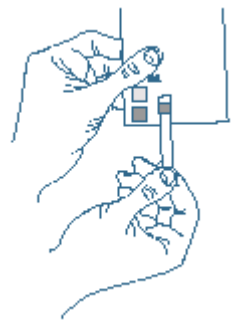
Step One: Collect Sample

- Attach tubing to the syringe
- Insert the end of the tube into the coolant reservoir and remove a syringe full of coolant sample. **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.
- Dispense the coolant in the syringe into the sample container and remove the tubing from the syringe.
- Be sure to observe safety procedures.



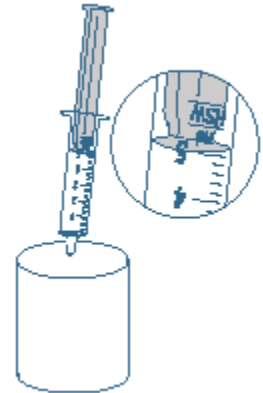
Step Two: Determine RA

- 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 3 below. If the RA is HIGH (greenish to green) use the clear-capped vial in step 3 below.



Step Three: Determine Contamination (Protection Level)

- Fill syringe EXACTLY to the 5mL line with coolant and transfer the sample to the appropriate vial determined in Step 2.
- Recap the vial and shake for a FULL 15 seconds
- Uncap the vial and dip contamination 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.
- Report results: Pass - your system does not show excessive contamination. No action is required. Fail - an unsafe level of contamination is indicated and coolant should be changed out or serviced per manufacturer's recommendation.



The packaged ELC Kit directions can be found at:

http://www.acustrip.com/res/pss/ELC_KIT_INSTRUCTIONS-042015.pdf



SAFETY WARNING: REMOVAL OF RADIATOR CAP IS DANGEROUS

Radiators are under pressure. Hot coolant under pressure can cause severe burns. Do not remove the radiator cap on a hot engine. Wait until the temperature is below 50° Celsius (120° Fahrenheit) before removing the cap. Failure to wait may result in personal injury from hot coolant spray or steam. Remove cap slowly to relieve all pressure.

Dispose of your used test strip with normal paper waste.
Dispose of your used antifreeze coolant in accordance with local regulations.