



Testing and Measuring Requirements for Enviro-Clean Fuel Additives (E-C)

1. The customer along with a Pro-Active-Research representative will monitor the mileage, hours and fuel consumed using a minimum of (2) two pieces of equipment to determine "BASELINE" kilometres/litre for a minimum of 10 operating days

The oldest, least efficient vehicles are the best to illustrate the benefits of E-C.

2. **All test vehicles must have an initial EMISSIONS TEST prior to adding E-C.**

3. The customer **MUST** perform an initial treatment of their test vehicles at a rate of 3 pills per 75 litres** of fuel for 2-4 full tanks of fuel or 2 full weeks, whichever takes longer:

Number of pills required	Fuel used Litres **
3	75 L
6	150 L
9	225 L
12	300 L
15	375 L
18	450 L
21	525 L
24	600 L
27	675 L
30	750 L
33	825 L
36	900 L
210	5,250 L
<u>LITRES OF FUEL ÷ 75 × 3</u>	Number of pills required for the initial purge treatment
<u>EXAMPLE: 9,000 L ÷ 75 × 3</u>	
<u>≡ 360 pills</u>	<u>9,000 L</u>

4. All 2003 and newer diesel trucks and 2000 and newer gasoline autos and diesel pick-up trucks **SHOULD** have their onboard computers reset after the 2nd treated tank of E-C. By resetting the computers to the original factory settings the computer will adjust to a new “fuel burn” rate accelerating the improved mileage and reduced emissions. If the computer is not reset the improved mileage may take as long as 4-6 tanks of fuel. When E-C is added to the fuel, the computer detects a cleaner and more “efficient burn”.

Resetting the computer re-educates the electronic control system allowing the computer to detect a leaner, more efficient “fuel burn”.

COMPUTER FLASHING INSTRUCTIONS – THE MOST CRITICAL STEP

In order for your vehicle to take full advantage of E-C, your vehicles computer needs to be flashed or “rebooted”. In order for you to see maximum results quickly. Simply follow the following steps.

i. **Turn vehicle off**

ii. Disconnect the negative battery cable (for vehicles with more than one battery, disconnect all negative battery cables).

iii. Turn the headlight switch on and leave it on for at least one hour, ideally overnight would be best. This will start the computer in the rebooting process.

iv. After you have waited at least one hour turn the headlight switch off and reconnect the negative battery cable or cables.

v. Start your vehicle and drive as usual; the computer is now running a diagnostic check within the engine as you drive. Sensors will recognize the difference between the old fuel and the catalyzed fuel, the computer will make the proper adjustments that will allow your vehicle to operate more efficiently and with greater power.

Please consult with your vehicles owner’s manual and manufacturer for any special instructions.

5. The vehicles used for testing need to have their fuel filters replaced after 2 weeks or 1,600 kilometres (whichever occurs 1st) after the start of the E-C treatment. Pre-mix E-C in some fuel and soak the new filter in this mixture. Then replace both the new filter and the E-C mixed fuel into the vehicle.

The fuel filter replacement program will return to the normal vehicle maintenance cycle.

Replacing the fuel filter is critical to achieve maximum mileage improvement and performance.

Often, there is bacterial contamination in the diesel fuel system and the newly killed bacteria will clog the fuel filter.

If the fuel filters are not changed fuel flow may be restricted potentially impeding the fuel savings performance of E-C.

6. Customer will add E-C to their test vehicles at a rate of 1 pill per 75 litres** of fuel for the 4 week test period (this is the regular, ongoing E-C dosage):

Number of pills required	Fuel used Litres **
1	75 L
2	150 L
3	225 L
4	300 L
5	375 L
6	450 L
7	525 L
8	600 L
9	675 L
10	750 L
30	2,250 L
**LITRES OF FUEL ÷ 75	Number of pills required for regular E-C dosage
<u>EXAMPLE: 9,000 L ÷ 75</u>	
<u>= 120 pills</u>	<u>9,000 L</u>

7. After E-C is added; the customer along with a Pro-Active-Research rep. will monitor the test vehicles for mileage and fuel used to determine the increase in km/L for a trial period of 4 weeks.

8. **Also, if possible, there should be equal amount of control vehicles.** These control vehicles shall be similar in style and route as the test vehicles. Likewise the baseline km/L needs to be determined with the control vehicles. During the test period with the test vehicles, these control vehicles are to be monitored the same as the test vehicles, but without the treatment of E-C.

The baseline km/L and the test period km/L of the control vehicles will be compared to determine if the weather, road conditions, driving habits, etc. have an effect on the mileage.

These changes are to be used to give a truer indication of the increased mileage by using E-C. It is not necessary to change the fuel filters on the control vehicles, as they will have no affect on mileage.

9. **All test vehicles must have a post test EMISSIONS TEST after using E-C for at least 90 days.**

10. **If a 2:1 or greater Return On Investment is earned during testing, then purchaser agrees to pay for the E-C used during the testing phase. Simply, for every dollar invested in E-C, the purchaser saves \$ 2 or more in fuel savings alone.**

**** NOTE:** 1 US gallon = 3.78 litres
 1 litres = 0.265 US gallons

Date

Customer

Pro-Active-Research

