



FUEL ADDITIVE - CC

Product Description and Benefits

Fuel Additive – CC is a blend of specially prepared 4-10 nm nanodiamonds with graphene shells in a petroleum based carrier.

Fuel Additive – CC is available for both diesel fuel and gasoline engines.

Fuel Additive – CC is added to the vehicle fuel tank with each fill-up.

Fuel Additive – CC leverages the highly active, large surface area of nanodiamonds to deliver increased combustion efficiency by freeing oxygen. Because the flash point of nanodiamond is higher than that of the fuel, the nanodiamonds do not ignite, but are dispersed in the air/fuel mixture where they act as a catalyst to improve the combustion process. As a result:

- The production of soot is significantly reduced along with emissions of NO_x, CO and hydrocarbons.
- In diesel engines it reduces the load on the soot capture system and the consumption of fuel to eliminate collected soot.
- Utilization of Diesel Exhaust Fluid (DEF) to reduce NOX decreases by more than 30%.
- Fuel economy increases by up to 15% with 6-10% improvement expected in most cases.

For some types of vehicles use of Fuel Additive - CC may also increase the number of hours per day the vehicle can be utilized saving both operator time and, for large operations, reducing the quantity of vehicles and operators needed.

There is also an indication that the nanodiamond provides durability benefits to items such as valve stems which are lubricated by the engine oil.

Applications

Fuel Additive – CC can be added to the fuel supply of any internal combustion engine. This includes both vehicular and non-vehicular engines (e.g., lawn maintenance equipment). Typical applications include:

- Trucks
- Buses
- Locomotives
- Generators
- Taxis

- Off Highway Equipment such as skid loaders, excavating equipment, mining equipment and construction equipment
- Passenger cars

Determining the Quantity of Fuel Additive – CC Required

The following table relates packaged Fuel Additive – CC to fuel tank size:

Fuel Additive	Fuel Tank Capacity Gallons Per Tank	Additive-CC Package Size Oz.
Diesel Fuel	50	2.4
	75	3.6
	100	4.8
	150	7.1
Gasoline Fuel	12	0.6
	17	0.8
	21	1.0
	25	1.2

Select the package size that is nearest to your actual tank capacity without exceeding the capacity. For example, if you have a 60 gallon tank you should select the 2.4 oz. package; if you have a 15 gallon tank, you should select the 0.6 oz. package.

DO NOT USE MORE THAN THE RECOMMENDED AMOUNT; RESULTS WILL NOT IMPROVE

Contact Nano Materials and Processes, Inc. for no-charge application engineering support.

Using Fuel Additive - CC

Fuel Additive-CC should be added when your tank to approximate the recommended additive concentration and obtain better results. The recommended additive/fuel concentration is 1.4 ml of Fuel Additive - CC per gallon of fuel.

Shake well. Pour the additive into your fuel tank BEFORE adding fuel so as to assure thorough mixing. If you are filling multiple fuel tanks you should put Fuel Additive – CC in each tank.

WHEN USED AS DIRECTED, YOUR SATISFACTION IS UNCONDITIONALLY GUARANTEED OR YOUR MONEY BACK.

Additional Information

Please see our website at www.nanompi.com or call us at 248-529-3873.