

# THERMAL CALORIE CATALYTIC CRACKER



## OUR GLOBAL POSITION

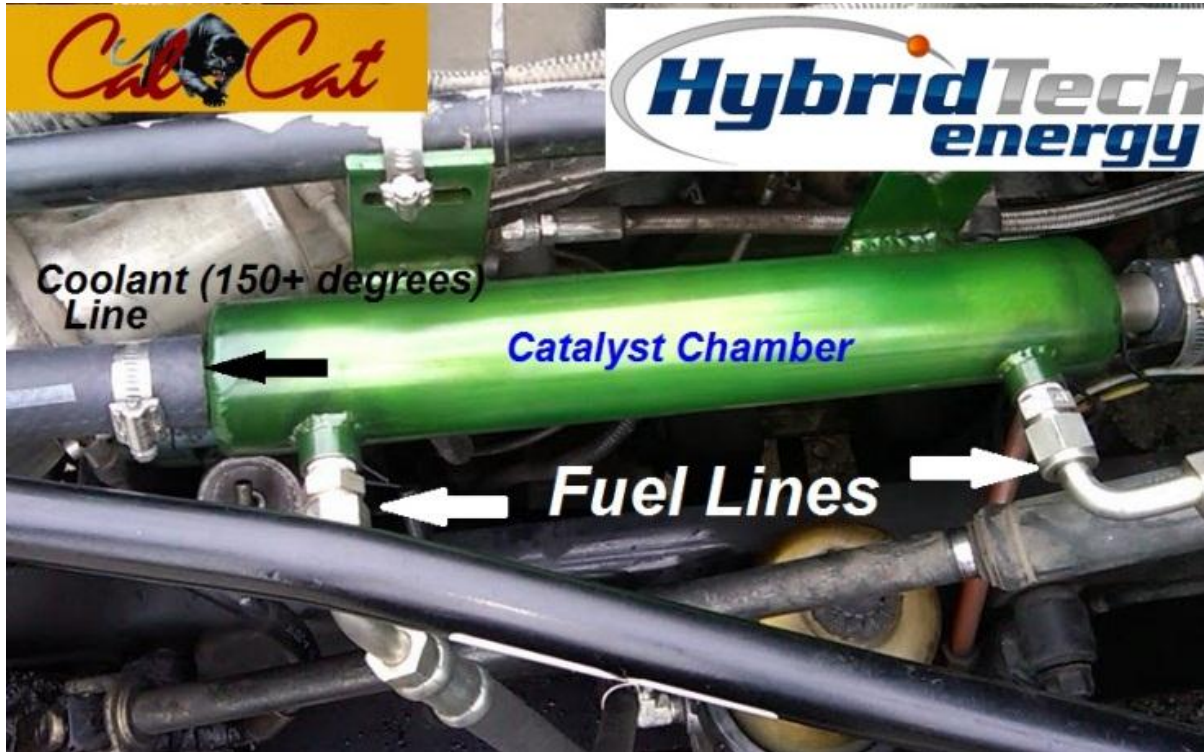


is proud to announce the *Exclusive Global Distribution Agreement* with the Developers and Patent Holders of the “Cal-Cat”, Panther Performance Technologies, for the following industries:

- **GLOBAL LOCOMOTIVE/RAILROAD INDUSTRY**
- **HEAVY MARINE (DIESEL OVER 500 HP)**
- **OIL AND GAS INDUSTRY**
- **AGRICULTURE**
- **FORESTRY**
- **POWER GENERATION**
- **MINING**
- **AND LAST BUT NOT LEAST, CONSTRUCTION EQUIPMENT**

The industries above are the ones to which we distribute exclusively on a global level to small companies to Fortune 500 organizations. We can service everyone from single small cars, to cruise ship fleets.

## ABOUT THE PRODUCT



This amazing product was brought to our attention as a device that increases the effect of HHO gas in engines, by breaking down the fuel “into smaller pieces” before it hits the engine. The device utilizes waste heat from the engine’s coolant, to heat up precious metal catalysts, which further refine the fuel prior to injection. Amazingly, this product increases fuel efficiency on ANY internal combustion engine, with or without HHO gas.

### **CAL-CAT EXPLANATION:**

Cal-Cat is short for Calorie-Catalyst. It is a coolant to fuel heat exchanger that uses wasted or unused heat from the engine’s coolant to heat the fuel and the Precious Metal Catalyst inside the catalyst chamber. By heating and catalyzing the fuel we are able to speed up its ability to vaporize inside the engines intake manifold and inside the cylinder.

By heating the catalyst inside the Cal-Cat, the catalyst reacts with the fuel molecules and helps them to break down large hydro-carbon chains to make them able to be used earlier in the combustion process. Normally these hydro-carbon chains do not vaporize until very late in the combustion process if they vaporize at all while in the combustion chamber. Think of it as a “mini-refinery”. In short, it enhances combustion performance.

Wasting up to 82% of your fuel dollar is due in part to the fuel being sprayed into your engine in liquid form which does not burn. The Cal-Cat heats up the fuel and breaks down some of the larger molecules. This makes more of your fuel available during the combustion cycle. In essence your fuel is more in

harmony with engine physics. Using the analogy of a wood stove, which is easier to burn, a log or wood chips?

Employing this normally wasted engine heat and a multi-stage catalyst, the Cal-Cat makes gasoline and diesel more compatible with your engine. You can feel the power right away. Your exhaust and engine stay cleaner.

The Cal-Cat does not make any fuel, or perform any other tricks. It allows more of the fuel going into the engine to vaporize earlier, which in turn enables more of the fuel to produce power not wasted as heat in the exhaust or as pollutants in the air.

In gas analysis testing, the Cal-Cat has been shown to drastically reduce emissions.

## **CAL-CAT BENEFITS**

- Increases Horsepower and Torque
- Improves Fuel Combustion Performance (which reduces emissions)
- Reduces Maintenance Costs (cleaner burning fuel means less soot)
- Minimizes fuel system and injector maintenance, minimizes exhaust system maintenance
- Improves Fuel Quality after Long Periods of Storage
- Increases Overall Fuel Efficiency by up to 25% on **ANY Engine**

## **TESTIMONIALS FOR THE CAL-CAT**

*(directly from Panther Performance)*

*"My vehicle is a 1995 dodge ram with 230,000 miles. It is getting better gas mileage than it did when it was new. I was averaging only about 360 miles per tank before the Cal-Cat. Now I average 450 miles a tank! It also runs like new again, has more power with hills, and everyone I've had drive it is very impressed with it."*

*- Sincerely, M.S.*

*"I have been a heavy equipment mechanic for 25 years and am the owner operator of a heavy equipment repair company. I have also been racing motorcycles professionally for 18 years.*

*"I can certify that my 1999 31' Ford Diesel Motor home received a drastic increase in power, performance, and an unprecedented 23% increase in fuel economy. The impressive aspect of these gains was with the vehicle fully loaded and towing an 18' trailer loaded with equipment and 2 motorcycles."*

*- Thank you for your consideration, B.K., New Jersey*

*"Installed the Cal-Cat today. Few installation problems... my mistakes... took 2 1/2 hours instead of the estimated 1, but that is ok... not bad for a marine biologist. Did experience about 15% increase in mileage on the first run"*

*- J.S., Australia*

*"I purchased the Cal-Cat Last week for my 1999 Toyota 4Runner and Wow! Awesome performance gain. I live at the top of a steep mountain in NY and the truck now climbs it without bogging. Over the course of 5 Days the performance got better and so did my mileage. I now have to fill up at 300 miles per tank instead of the 240 miles I used to. I am amazed that such a simple looking part can have such a big impact. I would highly recommend anyone purchase it, you will not be disappointed."*

*- M.S. Monroe NY*

## **MORE INSTALLATION PHOTOS**

### **DETROIT SERIES 60 DIESEL**



**ANOTHER SEMI-TRUCK  
INSTALLATION; CHARLESTON, SC**



## WARRANTY INFORMATION

Panther Performance Technologies has instituted a 1 year Replacement Guarantee in event of a manufacturer defect, along with a 60 day Satisfaction Guarantee.

