

## **Cybersizzle Fuel Conditioner General Properties And Specifications.**

Cybersizzle Fuel Conditioner is a complex blend of highly refined renewable organic chemicals designed specifically to blend with petrol, diesel and 2 stroke mix to increase performance and reduce fuel consumption and harmful exhaust emissions while at the same time cleaning, lubricating and protecting the fuel system and compression chambers of all types of petrol and diesel 2 and 4 stroke engines.

Fuel combustion in an engine is a very complex instantaneous reaction and minute changes in the fuel structure can influence the characteristics and performance of the fuel at the time of combustion. Altering the surface tension and molecule size of the fuel has significant effect on the way the fuel is atomized and eventually burnt in the compression chamber.

One of the things Cybersizzle Fuel Conditioner does is introduce small quantities of high molecular weight viscoelastic polymer to the fuel to increase the viscosity of the spray droplets. This produces a spray pattern of more uniform size droplets and suppresses the formation of very small droplets which tend to vaporize prior to ignition. This uniformity of droplet size has the immediate effect of introducing a consistent fuel molecule to the engine at the time of ignition, thus producing a more consistent air fuel ratio and improved burn. This improved burn has the effect of increasing the BTU output of the fuel to increase power and convert harmful CO to CO<sub>2</sub> and reduce the HC and particulate content in the exhaust gasses.

There are antioxidants and other ingredients in Cybersizzle Fuel Conditioner to safely provide a natural lubricant for the fuel and increase the burn rate, thus increasing the cetane and octane ratings of both diesel and petrol as well as cleaning the compression chambers and fuel system. Overall, this has the effect of substantially reducing fuel consumption while increasing engine power and response.

There are no harmful effects to the engine, seals, catalytic converters or gas sensors from using Fuel Stick for prolonged periods of time. In most cases it will be found that the engine burns much cleaner and exhaust emissions and smoke are reduced in diesel and 2 stroke petrol engines. Because the octane rating of the fuel is increased, most people find they can use a lower octane, less expensive fuel and still maintain the same performance as they would if they were using more expensive higher octane fuels, thus gaining further benefits from the use of Cybersizzle Fuel Conditioner.