



## ZP-500 Diesel and Gas Additive ‘LUBRICANT TREATMENT’

### WHAT TO EXPECT:

- ◆ Used with the following types of fuels; diesel, gasoline, mixed gasoline, kerosene, fuel oil, ethanol, methanol, C16, C12, heating oil
- ◆ The ZP-500 Fuel Additive provides sub-surface metal lubrication that protects against wear and adds lubrication to the existing one. It is also a lubricity additive for diesel fuel
- ◆ Ultra Low Sulfur Diesel Fuel (ULSD) will therefore be burned efficiently, without leaving the deposits that are generally found there, resulting from incomplete combustion
- ◆ Its unique formulation provides the benefits of a fuel stabilizer, fuel conditioner, fuel cleaner, fuel lubricant and cetane catalyzer
- ◆ ZP-500 is used in all types of climate, 12 months a year, it will maintain excellent efficiency in cold weather down to -20°C (-4°F)
- ◆ Provides more complete combustion of all types of fuels and at the exhaust, black smoke will become imperceptible and GHG emissions will decrease significantly
- ◆ ZP-500 provides an increase in combustion efficiency, as if the octane was increased to 10 points and up to 2 points of cetane in diesel
- ◆ Use as a routine treatment of 1 part of ZP-500 per 1500 part of any diesel or gasoline (1:1500). Regularly used, the routine treatment ratio can be increase to 1:2000.  
**Note: Only regular use will achieve these efficiencies and economic returns. Performance can vary, as each driver and piece of equipment is unique in itself.**
- ◆ All internal combustion engines continuously generate incomplete combustion residues, which in the long run will clog and will obstruct the supply fuel system and the exhaust gas recovery systems, which results in a loss effectiveness in engine efficiency
- ◆ The ZP-500 additive allows fuels to achieve maximum combustibility and keeps the engine and components of various systems clean for an optimal performance over time
- ◆ Increases torque at recovery
- ◆ Upon entering the system, ZP-500 is unmatched in removing hard carbon residues, lacquer, gum, varnish and wax adhered to metal surfaces of components and will prevent build-up from partially burned fuel residues such as hard carbon, lacquer, gum, varnish and wax
- ◆ Maintains the jet of injectors, ‘spray pattern’, in the original design of the manufacturer and free of carbon residues
- ◆ Helps reduce the environmental footprint (GHG) of any internal combustion engine

**Our products are free of: solvents, silicone, PTFE (Teflon® by DuPont), alcohol, lead, graphite, sulfate, soap, kerosene, alkyl nitrate**

For any questions about Adrenalube products, or for a more specific use of this particular product, do not hesitate to contact us. **Tel: (1) 514 999 5546 — [info@adrenalube.com](mailto:info@adrenalube.com)**

ADRENALUBE\_ZP-500\_ADDITIVE DIESEL and GAS LUBRICANT TREATMENT



## ZP-500 Fuel and Gas Additive 'LUBRICANT TREATMENT'

### **DIRECTIONS:**

- ◆ The fuel additive ZP-500 is used in all types of climate, 12 months a year
- ◆ Works in all types of engines, add ZP-500 at a routine ratio of 1 part for 1500 (1:1500)
  - ◆ For a 10 or 12-wheeler diesel truck use 473 ml (16 ounces) for 750 liters (200 US gal)  
**Note: There are *no advantages in adding more***
  - ◆ For a car or pick-up using gasoline, 50ml (1.7 ounces) for 75 liters (20 US gal) every 2 - 3 refills until the container is empty. Repeat every 5000 kilometers (3000 miles)
  - ◆ For a two-stroke engine (engine that uses fuel mixed with oil), use a ratio of 1:1000 or 50ml (1.7oz) of ZP-500 for 50 liters (13 US gal) of fuel  
**Note: There are *no advantages in adding more***
- ◆ When refueling, shake the container and pour ZP-500 first before filling up to allow even distribution of additive to the fuel
  - ◆ Effective for cleaning ('flush') the engine, cleaning injectors, differential, transmission, etc.

### **APPLICATIONS:**

- ◆ AUTOMOBILE, PICK UP, RV CRUISE, ETC.
- ◆ BUS, TRUCKS FOR; CITY DELIVERY, HIGHWAY TRANSPORTATION, BULK CARRIER, ETC.
- ◆ MACHINERY; LOADER, EXCAVATOR, GRADER, TRACTOR, ASPHALT SPREADER, HARVESTER, ETC.
- ◆ INDUSTRIAL GENERATOR, COMPRESSOR, ETC.
- ◆ MARINE VEHICLES; BOAT, CRUISER, FISHING BOAT, FREIGHT SHIP, FERRY, ETC.
- ◆ OFF-ROAD TYPE VEHICLES; 'DUNE BUGGY', 'SIDE BY SIDE', MOTORCYCLE, 'SCOOTER', SNOWMOBILE, ETC.
- ◆ EQUIPMENT WITH SMALL ENGINES; CHAIN SAW, MOWER, SNOWBLOWER, CUTTING EDGE, ETC.

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## ZP-500 Fuel and Gas Additive ‘LUBRICANT TREATMENT’

### **ZP-500 FUEL ADDITIVE AT A GLANCE:**

- ◆ Used with the following types of fuels; diesel, gasoline, mixed gasoline, kerosene, fuel oil, ethanol, methanol, C16, C12, heating oil
- ◆ Increases combustion (combustibility) of fuels
- ◆ Improves cetane number by 2 points and octane by up to 10 points
- ◆ Provides savings on fuel consumption
- ◆ Lowers the surface tension of the fuel
- ◆ Stabilizes fuels
- ◆ Promotes an optimal vaporized spray pattern
- ◆ Maintains the jet of injectors, ‘spray pattern’, in the original design of the manufacturer and free of carbon residues
- ◆ Decreases contaminants in the tank
- ◆ Completely disperse the moisture in the fuel
- ◆ Prevents staining and contamination of the tank by bacteria
- ◆ Significantly reduces the cost of maintaining the engine power system
- ◆ Rust inhibitor, it protects the entire power system from corrosion
- ◆ Keeps combustion chamber and injectors free of carbon residues, gums, varnishes and residues of bio-fuels
- ◆ Eliminates paraffins without creating combustion residues
- ◆ Cleans and keeps the fuel system clean (EGR valve, injectors, segments, valves, etc.)
- ◆ Decreases the regeneration cycles of modern engines and is very efficient for all HPCR (Common Rail) High Pressure Injection Systems
- ◆ Significantly reduces the exhaust emission of black smoke
- ◆ Increases travel distance with the same quantity of fuel
- ◆ Helps reduce the environmental footprint (GHG) of any internal combustion engine

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