



P550 - PRODUCT CARD
DIESEL TREATMENT
ENGINES

PRESENTATION

P550 DIESEL TREATMENT is a high-tech formula offering a total solution for treatment and prevention to professional users of diesel engines, solving most problems involved with fuel (FOD, Gasoil, Bio-Fuel). This product is an evolution of P350 optimized by a new chemical formula in terms of lubrication, detergency, dispersant, anti-corrosive and antioxidant.

The tribology test was carried out successfully (improvement from 1 to 3) in the laboratories of one of the world leaders of high-pressure injection. P.550 HEAVY FUEL is as an innovative high-tech formula for improvement in the use of heavy fuel oil both in the miscibility of different fuels and in terms of optimizing the combustion.

The consequences are drastic for the protection of storage facilities, pipelines, separators, pumps, injectors, cylinders and valves. This product acts on the miscibility and combustion. This is undoubtedly the most effective product on the market. The molecular concentrations can vary depending on the analysis of heavy fuel oil.

APPLICATION

1. STORAGE (Tanks, cisterns)

- Prevents internal corrosion
- Cleans and protects the tanks and cisterns
- Disperses sludge and sediments of hydrocarbon origin
- Prevents bacterial contamination
- Disperses and reduces bacteria
- Neutralizes moisture
- Puts a protective film on the walls of the tank
- Prevents fuel oxidation

2. ENGINE (FOD, Gasoil, Bio-Fuel)

- Cleans and lubricates fuel injection pumps and injectors
- Avoids and eliminates gum in injectors
- Protects against erosion cylinder heads, piston rings, valve seats and heads
- Clean cylinder heads, piston rings, valves and combustion chambers
- Prevents corrosion and prevents contamination of engine oil
- Burns off impurities and bacteria
- Inhibits gas and heavy micro particles in post-combustion
- Prevents the formation of Micro-Organisms in non contaminated elements
- Cleans the fuel system and filters
- Eliminates the laminating effects and ensures regular idle
- Restores the original performance of the Engine and extends its life
- Reduces fuel consumption
- Prolonge la durée de vie du moteur.

3. ENGINE (HFO, FO2)

- Removes the risk of incompatibility during bunkering
- Promotes permanently homogeneity and fluidity of the fuel
- Disperses sludge and deposits
- Prevents organometallic deposit formation (Vanadium, Aluminium, Iron, Nickel)
- Demulsification water in the fuel and contributes to a better separation in the centrifuge
- Prevents formation of wax and bacteria
- Neutralizes the negative effects of sulphur
- Prevents filter saturation
- Prevents and suppresses the formation of gum on the pumps and injectors
- Protects high cylinders, piston rings and valves
- Improves combustion
- Ensures regular and stable slow
- Significantly reduces the formation of heavy particles in exhaust
- Reduces NOx emissions (nitrogen monoxide)
- Reduces consumption
- Protects against wear
- Improves engine performance
- Extends the life of the engine
- Reduces air pollution

PACKAGING

- Metal flask of 200 milliliters in cardboard of 56 pieces
- Metal flask of 460 milliliters in cardboard of 28 pieces
- Metal can of 1 liter in cardboard of 16 pieces
- Metal can of 5 liters in cardboard of 6 pieces
- Metal barrel of 30 liters Metal barrel of 200 liters

COMPOSITION OF THE PRODUCT

- Detergent Complex
- Lubricant
- Dispersing Complex
- Hydrocarbon solvents
- Anti-corrosion molecules
- Demulsifying product
- Antioxidant product
- Poly molecular active Complex
- Organic dispersant
- Procetane

LABORATORY TESTS

ASTM D613 / HFRR / NFR 106025 / M07075 / ASTM D665A / ASTM D665B / ASTM D130 / ASTM D2274

PHYSICAL CHARACTERISTICS

Properties	Characteristics
Color	yellowish
Appearance	cloudy liquid
Flash Point (D-93)	66°C
Density 20 °C	0.87±0.05
Initial boiling point	97°C

DOSAGE GUIDE

First treatment (curative) 0.5% (5000 PPM) this is to say 1 liter of P550 for 150 liters of fuel. (only if the devide at + 40 000 km or 800 hours).

Treatment (preventive) 0.1 % (1000 PPM) this is to say 1 liter of P550 for 320 liters of fuel : every 3 fuel or 1 liter of P550 for 1 000 liters : every fuel.

USAGE

Pour the product before the tank's filling in order to obtain a homogeneous mixture.

For the direct use in the tanks, it is recommended to carry out also direct additivation of each engine in recommended proportioning.

NOTE

For the first use of the product, CARIBBEAN PETROLEUM INDUSTRY recommends the assistance of a technician or a person trained by our technical team so that the product is properly implemented.

SAFETY INSTRUCTIONS

Risk phrases:

R11	Extremely Inflammable
R36/38	Irritant for eyes and skin
R43	May cause sensitization by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term harmful effects in the aquatic environment
R65	Harmful: May cause lung damage in case of intake

Safety phrases:

S26	In case of contact with eyes, rinse immediately with plenty of water and consult a doctor
S29	Do not empty into drains
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection

MANIPULATION AND STORAGE

Handle and open the barrels with precaution.

Store the barrels in a ventilated and fresh room, far from much produced incompatible.

Neither handle, store nor open the barrels close to a flame or an important heat source.

Protect the barrels from any direct source of heat.