



## PRODUCT INFORMATION

# SUPER 1 DIESEL CONDITIONER

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### CHARACTERISTICS

Diesel Conditioner is a liquid additive to be used in auto diesel fuel.

Diesel Conditioner emulsifies completely with the fuel and can be used to prevent impurities around the jets and nozzles giving optimum lubrication of the fuel pump. A Cetane booster increasing the engine horse power.

Diesel Conditioner is highly effective; the presence of the additive will optimise the Cetane number and contribute to more effective Fuel-burning where unburned particles will be reduced to a minimum. (the Cetane number is normally between 45-55 from the refinery, and for the European market typically 48-49).

Diesel Conditioner reduces NOx up to 48% as a strong improvement for a better environment.

Diesel Conditioner reduces the build-up of staple fibres and the separation of paraffin at low working temperatures. Retards CFPP (Cold Filter Plugging Point).

### QUALITIES & ADVANTAGES

- \* Mixes homogeneously with the diesel fuel. Optimised cetanenumber.
- \* Demolishes sulphur acids.
- \* Reduces the risk of fugacity (Diesel Plague).
- \* Stabilizes ignition and combustion, especially at low operation temperatures usually when the diesel fuel often will be added kerosene or other flow improvers.

- \* Field-tests shows economic Fuel savings on up to 8%
- \* Laboratory-test shows reduction of unburned NOx particles and pollution by 48%

### ANTI-WEAR AND TEAR QUALITIES

- \* Gives optimum lubrication of the fuel pump and prevents impurities around the jets and nozzles.

### CORROSION INHIBITOR

- \* Prevents corrosive build-up in fuel reservoirs, tanks and various connections. The product also neutralizes the formation of sulphurous acids.
- \* Prevents corrosion and rust.
- \* The product demolishes sulphur acids.

### TYPICAL ADDITION PERCENTAGES:

AUTO DIESEL: Summer and winter: 100 ml/10 Litres fuel (1:1000) and recommended up to 1.5 litre to 1000 litre Fuel.

### TYPICAL AREAS OF APPLICATION:

- Engines including stationary engines.
- Contractor material
- The transportation sector
- Agriculture
- Mining
- Forestry
- Marine engines
- Taxi - busses

## SUPER 1 DIESEL CONDITIONER - continued

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### PHYSICAL DATA

FLASH POINT COC, °C	18
BOILING POINT, °C	84
SPEC. GRAVITY at 20°C	0.880
TAN mg KOH/g	0.22
PH	5 - 7

### SAFETY & ENVIRONMENTAL INFORMATION

- Avoid prolonged skin contact.
- Keep products away from children.
- If swallowed, do not induce vomiting - call a doctor.
- Do not inhale fumes.
- Do not dispose empty oil cans or wasted products in nature.