



FA6048 Advanced Fuel Treatment

1 litre treats up to 10,000 litres

Saves Fuel - Reduces Pollution



for more details contact:

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MANUFACTURED BY

FUEL ADDITIVES LLC,

1328, HWY A1A, SATELLITE BEACH, FLORIDA, 32937, USA

FOR

CORE GREEN LLC

PO BOX 12898, DUBAI, UAE

Features of FA 6048

- Reduction in fuel consumption by 8-15% while increasing horsepower
- Combustion Catalyst – Improves combustion efficiency
- Detergent – Cleans injectors
- Polymerization Retardant – Prevents formation of solids
- Permits perpetual fuel storage
- Depressant – Disperses existing solids in the fuel, cleans injectors
- Lubricant – Lubricates the fuel system
- Corrosion Inhibitor – Prevents internal tank corrosion
- De-emulsifier – Removes water from fuel
- Reduces SOX / NOX / CO / CO2 / H2S pollution by up to 25%
- Improves engine performance



Observation & Conclusion:

This study was conducted to know the effect of FA 6048 additive on Vehicle Gas Emission. After gathering and comparing the results taken from the test runs, we have observed the positive effect of the FA 6048 additives on the gas emission as detailed below. Please refer Table 3 above for the full list.

Type of Gas Emission	Effect
O2	Increased by 2.4%
CO2	Reduced by 20%
NO	Reduced by 12.3%
NOX	Reduced by 6.3%
H2S	Reduced by 12.5%

Additionally based on the fuel usage for the test run we have observed that there is an increase in the mileage of the vehicle which would further reduce emissions due to less fuel being used for the same distance.

Reported by



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Analysis Procedure

Scope

Test Description:

Emissions monitoring of O₂, CO, CO₂, NO_x, NO₂, SO₂, and CH₄.

Intertek will use MRU Vario Plus SE to monitor levels of O₂, CO, CO₂, NO, NO₂, SO₂, and CH₄ in stack emissions. MRU Vario Plus SE is a combination of electrochemical cell and NDIR (Non Dispersive Infrared) analyzer to monitor emissions level. The emission monitoring technique complies with the US EPA CTM 030 and CTM 034. Gas concentrations are logged as often as every minute onto a laptop PC and real-time concentration charts can be generated if required. Test duration is 30 minutes per run. There will be 2 - 4 runs that will be performed.

No.	Details.
1	Emissions monitoring of O ₂ , CO, CO ₂ , NO _x , NO ₂ , SO ₂ , and CH ₄ .

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LABQA

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GP

FA6048 Advanced Fuel Treatment

1 gallon treats up to 10,000 gallons

- It's completely soluble in fuel oils and can be added directly to fuel in storage or directly into the fuel tanks.
- This additive can be used in ships, airplanes, trains, trucks, automobiles, diesel generators, industrial equipment and industrial facilities, among others.
- It is compatible with diesel fuels, gasoline, heavy oils, heating oil, etc.

It improves fuel consumption.
 It increases horsepower.
 It reduces soot emissions and NOX gas.
 It lubricates the fuel system.
 It controls bacteria growth in fuel.
 It removes water from fuel.
 It cleans the fuel pump and injectors.
 It protects against tank corrosion.
 It eliminates existing solids in fuel.
 It prevents catalytic oxidation'
 It increases BTU's per pound of fuel.
 It prevents the formation of solids.

- Contains no alcohol.
- Contains no Ethylene Glycol.
- EPA certified.

How it increases the fuel efficiency

The fuel additive provides for a more complete combustion. That means more energy from the fuel. The average fuel efficiency can increase from 4% to more than 11% depending on the specific application.

How it stabilizes the fuel

The chemical composition of fuel oil begins to change once it is refined, and this results in the formation of large particles which form the sludge. This change impacts the oil filters and injectors, and ultimately causes the fuel to be less effective and even unusable.

How it enhances the fuel efficiency

The fuel additive helps to disperse the sludge by retarding the chemical process (which leads to the formation of large particles, which in turn form the sludge. In this scenario, the combusting efficiency of the fuel gets enhanced

How it decreases pollution

Efficient combustion means reduced carbon; soot and ash; and, smoke (all of which are normally associated with the burning of fuel). In live tests, the Additive decreased combustible carbon residue by 60% to 90%.

How it helps towards less of maintenance

The fuel additive inhibits corrosion. It mitigates fuel tank corrosion and helps keep the fuel lines, filters and other parts clean. This results in more efficient fuel combustion — and in less of maintenance and part replacement.

**FA6048 Advanced Fuel Treatment
Burn Rate Modifier & Combustion Catalyst**

- Fuel Additives Advanced Fuel Treatment Burn Rate Modifier includes a superior formula to stabilize fuel in storage.
- Fuel oil begins to re-polymerize as soon as it is refined. Polymerization forms submicronic particles. As the Process continues, particles become larger and agglomerate, forming microscopic sludge which plugs filters, and atomizes and eventually renders the fuel unpumpable.
- Fuel Additives Advanced Fuel Treatment Burn Rate modifier disperse existing microscopic sludge, retards further polymerization and permits fuel to be stored indefinitely.
- Other ingredients include a corrosion inhibitor to retard internal Tank corrosion, and a detergent to help keep lines, filters and atomizers clean.
- Fuel Additives Advanced Fuel Treatment Burn Rate modifier provides you with greater fuel efficiency.
- In comparative tests, this additive decreased carbon residues by 60-70%. These results are evidence of more complete combustion. More complete combustion produces more useful energy while reducing soot and smoke.
- For further information
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Intertek

ITS Testing Services (U.K.) Ltd. – Shj. Br.

**Vehicle Emissions Monitoring
Report No.AE 13118266**

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