ALGAE-X®
Fuel Conditioning

Optimizing Fuel Quality

The last link in engine performance

Engine performance is measured in a number of ways including power output, emissions, reliability and maintenance costs. Transit properties have always searched for ways to improve their operation and lower costs.

Last year, Florida Detroit Diesel-Allison proposed to several transit fleets the installation of an innovative new fuel conditioning technology - **ALGAE-X®**. FDDA had installed hundreds of the **ALGAE-X®** systems in marine and generator applications. The excellent results indicated that the operating and maintenance costs for the transit companies would be significantly reduced if they added **ALGAE-X®** systems to their buses.

The benefits of Optimal Fuel Quality include longer filter life, cleaner fuel tanks, reduced carbon build up, cleaner injectors, more power, and with good driving habits less emissions and improved fuel economy. The **ALGAE-X®** units improve the filterability, combustibility and stability of diesel fuel to provide these cost saving benefits.

Several fleet managers agreed to make an initial installation on 5 or 10 buses and to closely monitor the fuel consumption for these vehicles. During the following 6 months, ECM data was captured monthly and compared to the base line numbers.

The results were an eye popping average savings of approximately $1000 per year per bus. The **ALGAE-X®** units had paid for themselves in the first 3 or 4 months after installation, not counting the savings in long-term maintenance, extending change intervals on fuel filters, catalytic converters and emission filters.

Two fleets have decided to make **ALGAE-X®** standard equipment. Their new buses come with **ALGAE-X®** pre-installed. Since then, they have equipped over 100 vehicles with the LGX-500 units, and plans to fit the rest of the fleet are in process.

ALGAE-X® products are now stocked in Canton and available through the worldwide DDC distributor network.

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