



ALGAE-X[®]

Fuel Conditioning



Optimization, Maintenance
& Management Systems

Fuel Quality Counts

Diesel Engines require optimal Fuel Quality for Peak Performance and Reliability. Fuel, however, is inherently unstable. Fuel breakdown is unavoidable, and accelerated by heat, storage, pressure, condensation, and microbial contamination.

What it means is that your engines are struggling to burn a less than optimal energy source. That translates into poor engine performance and economy, plus higher repair rates. And if it seems that the incidence of engine failures, trashed injectors, clogged fuel filters, and smoking engines have increased over the years, it's not your imagination.

Modern refining techniques, designed to produce more fuel per barrel, have unfortunately created even less stable fuels. Several studies even suggest that the overwhelming cause of most engine failures are now fuel related, especially with today's electronic injection systems.

But you don't have to suffer the downtime, lost performance and maintenance costs poor Fuel Quality brings. Today, your Engines can reach new heights of Performance and Reliability by implementing Fuel Management technologies from Algae-X® International.

Optimal Diesel Performance Regained

Algae-X® has spent over a decade of research and patent work dedicated to Reconditioning and Optimizing Fuels. The results are impressive and have spawned an array of technology-based solutions, all offering compelling performance and financial results.

So stop putting up with smoke, corrosion, premature filter changes, low power, and worse. Let an Algae-X® Fuel Management expert provide you with a free consultation on how to get the most out of your Engines.



SYMPTOMS

- Dark or Hazy Fuel
- Clogged Filters
- Tank Sludge
- Smoke & Soot
- Loss of Power
- Corrosion
- Failed Injectors
- Engine Shutdown



Inline Fuel Conditioners

The Inline Fuel Conditioner is Algae-X®'s core Fuel Conditioning technology and actually reverses the fuel deterioration process, turning sludge back into quality, burnable diesel. Fuel Conditioners are installed on-board on Trucks, Boats, Trains, Power Plants and more. The result is optimal Fuel Quality providing improved combustion, better fuel economy, lower maintenance and lower emissions. And a phenomenal return-on-investment.



Fuel Catalyst

Algae-X®'s AFC-705 Fuel Catalyst is a multi-spectrum product too advanced to be called just an additive. Added to fuel, it prevents and even burns off hard carbon deposits from combustion areas, rejuvenating engines while raising fuel economy, dissolving contaminants and adding lubricity. Super-concentrated AFC-705 is used in combination with Fuel Conditioning and Tank Cleaning for optimal results, but excels as an every-day, money-saving catalyst for not only Diesel, but Bio-Diesel, Gasoline, and Ethanol applications too.



Mobile Tank Cleaning Systems

Demanding Professionals know that Algae-X® Tank Cleaning Systems provide visibly better results in even the toughest applications. That's because an Algae-X® Tank Cleaning system is Reconditioning the Fuel in addition to being a carefully engineered Filtration and Water Separation solution. And the Mobile Tank Cleaning line offers a range of systems that can travel to any site to rehabilitate Fuels and Oils, keeping equipment running at Peak Performance.



Total Fuel Management Systems

No matter the environment, Power Generation, Marine, or Heavy Equipment, Algae-X® has engineered a Fuel Management system to meet the need. Our STS, FPS and TC lines provide advanced Fuel Conditioning, Water Separation and Filtration for tanks from 100 to 500,000 gallons. Fully automated, remote operation is available with programmable control systems, all designed to assure reliable Engine/Generator performance when you need it most. If your world just can't afford to stop, you owe it to yourself to take a closer look at Algae-X® Total Fuel Management Systems.



Custom Engineering

Fuel Management environments are full of variables. Different conditions need individualized approaches and the flexible design of Algae-X® solutions can be adapted to meet your unique requirements. Call an Algae-X® Fuel Management expert today for a free consultation to achieve Optimal Fuel Quality for reliable Diesel operations in your world.

Series	Model	In-Line Fuel Conditioning	On-Board Tank Cleaning ¹	Mobile Tank Cleaning ²	Automated Stored Fuel Filtration	Algae-X Fuel Conditioning	Water Separator/Coalescer Filtration	Flow Rate (gph)	Port Size	Power Source	HP Range (up to)	Tank Size in gallons (up to) ³
LG-X	200	•				•		1-25	1/4"		200	
	400	•				•		20-110	3/8"		500	
	500	•				•		20-110	1/2"		500	
	1000	•				•		50-350	1/2"		1000	
	1500	•				•		50-350	3/4"		1500	
	3000	•				•		200-800	1"		3000	
	4000	•				•		1500	1-1/2"		3000+	
	5000	•				•		2500	2"		3000+	
FC	Custom	•				•		any	any		any	
FPS	500A		•			•	•	•	150	1/2"	dc	1000
	750A		•			•	•	•	210	1/2"	ac	2000
TC	1000		•			•	•	•	900	1"	ac	6000
	3000		•			•	•	•	1560	1-1/2"	ac	10000
TK	180		•			•	•	•	180	1/2"	dc	200
MTC	500		•			•	•	•	480	1"	ac	3000
	1000		•			•	•	•	900	1"	ac	6000
	3000		•			•	•	•	1560	1-1/2"	ac	10000
STS	6000-4				•	•	•	•	240	3/4"	ac	5000
	5000-10				•	•	•	•	600	1"	ac	15000
	5000-25				•	•	•	•	1500	2"	ac	25000
	6000-30				•	•	•	•	1800	2"	ac	50000

PLEASE NOTE: The above recommendations are general sizing guidelines, valid for most environments, however, there are many conditional and application variations that can alter the appropriate solution. Algae-X Sales Engineers are expert at assisting you in proper selection and custom adaptations. Contact us for free engineering support & consultation.

- 1 - Primarily for Recreational Marine applications
- 2 - Algae-X Equipment is not for use in gasoline environments
- 3 - Highly variable based on tank turnover and other factors, call first for best results

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