

The MTC is a three stage Mobile Tank Cleaning System to recondition, stabilize and decontaminate fuels and oil. It efficiently removes water, sludge and sediments that naturally accumulate in tanks. The MTC cleans tanks and restores fuels and oil to their "Clear & Bright" condition. It eliminates fuel "algae" issues, clogged filters and tank sludge, providing Optimal Fuel Quality for Peak Engine Performance and Reliability.



- Stage 1:** The ALGAE-X® Fuel Conditioner reconditions and stabilizes the fuel, reversing the process of fuel deterioration and buildup of tank sludge.
- Stage 2:** The Separ centrifugal separator removes water and particulate that can easily be drained from the system by opening the valve on the bottom of the separator.
- Stage 3:** The coalescing fine filter removes contaminants down to 10 micron.

<b>MTC-350</b>	
<b>Pump Rate</b>	3.5 gpm
Self priming brass gear pump	210 gph
<b>Ports</b>	1/2" with ball valves
<b>Clear Vacuum Suction Hose</b>	1/2", 15ft
<b>Flexible HP Discharge Hose</b>	1/2", 15ft
<b>Motor *</b>	110V / 60Hz
UL & CE approved	or 230V / 50Hz
Requires single phase 10A circuit	
<b>LG-X Model</b>	1500
<b>Weight</b>	100 lbs
<b>Dimensions (H x W x D)</b>	48" x 22.5" x 25"
<b>Fuel Filter / Water Separator</b>	SEPAR centrifugal water separator / coalescer with built in fuel filter
<b>Filter cartridges</b>	10 or 30 micron 60 micron cleanable SS (included)

\* Not for use with fluids that have a flash point below 100°F (e.g. Gasoline, Alcohol, ...)

**ALGAE-X® MTC Systems** are built with industrial quality components mounted on a heavy-duty aluminum cart. A clear suction hose shows fuel flow and clarity. The large drip tray is designed to prevent spillage. To minimize operating costs fuel can be polished without using any consumables utilizing the included 60 micron wire mesh stainless steel filter cartridge. A vacuum gauge is installed on the fuel filter / water separator to indicate when to back-flush or replace the filter cartridge.

**ALGAE-X® Fuel Catalyst (AFC-705)** The use of AFC-705 is recommended as a standard part of any tank cleaning procedure, to more rapidly and efficiently decontaminate and clean the entire fuel system, and remove sludge, slime and bio-fouling from tank walls and baffles. AFC-705 is a full spectrum fuel conditioner containing combustion catalyst, surfactant, detergent, dispersant, corrosion inhibitor, lubricity enhancers and fuel stabilizer that eliminates the need for expensive toxic biocides.

**MTC Options:** Digital Flow Meter, Water Sensor Alarm.

Larger capacity fuel polishing and tank cleaning systems are available.

## ALGAE-X® Total Fuel Management Systems



These pictures graphically demonstrate the results of using the **Mobile Tank Cleaner** to recondition the fuel stored in a 1000 gallon emergency generator storage tank of Bell South.

The darker sample on the left was taken before the Tank Cleaning process. It clearly shows the **effects of quality deterioration** and the formation of suspended solids.

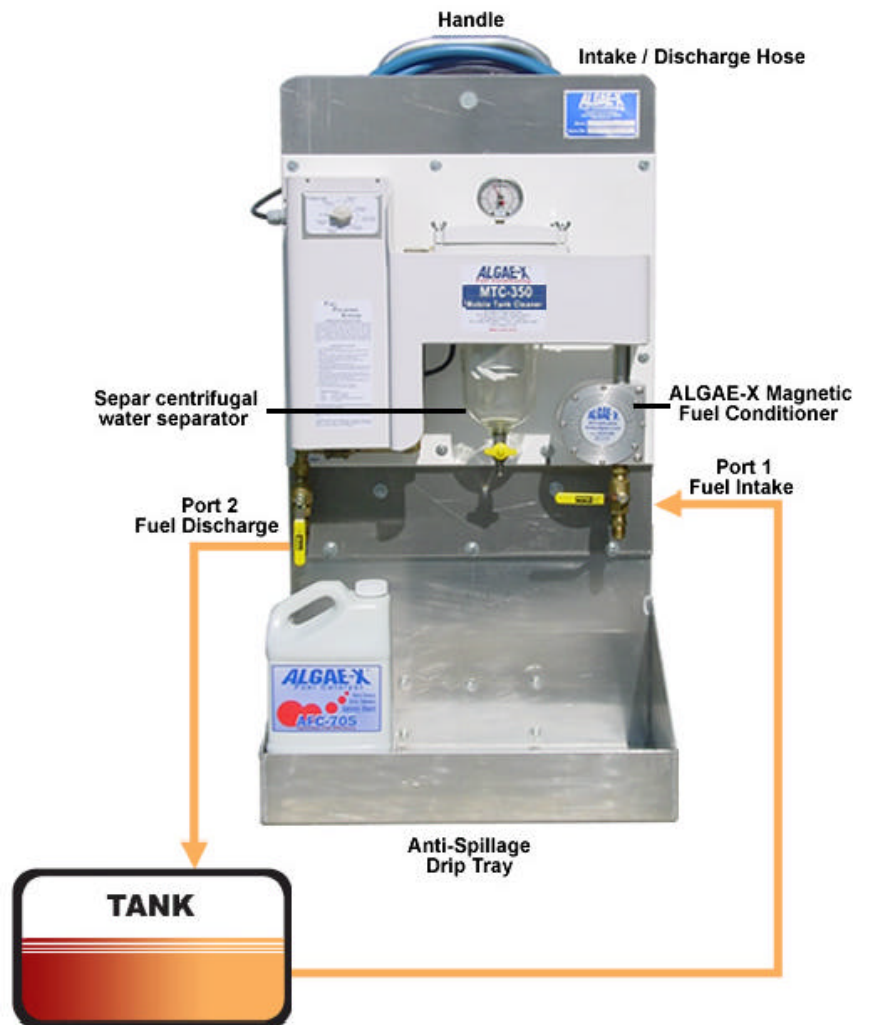
The fuel sample on the right was taken after cleaning the tank and polishing the fuel with an MTC. The job took less than four hours and has obviously restored the fuel to its **Optimal Clear & Bright** condition.

Algae-X MTC Systems improve fuel filterability, combustibility and reliability. They provide Optimal Fuel Quality for Peak Engine Performance and dramatically increase the Reliability of Emergency Generators.

Preventing clogged fuel filters and stabilizing fuel is crucial for Emergency Generator Reliability. The use of Algae-X Fuel Treatment eliminates clogged fuel filters and makes engines more Fuel Efficient, reduces SMOKE & Emissions and lowers downtime, maintenance and operating costs.



The picture above shows some of the removed **particulate debris & water** that was drained from the bottom of the fuel/water separator, which will also enhance **Reliability of the Filtration System**.



## ALGAE-X<sup>®</sup> Total Fuel Management Systems