

In brief, the mobile tank cleaning system will...

- Clean storage tanks without the need to de-gas and physically enter the confined space with BA
- Clean the fuel – removing sludge, water and other impurities in a continuous process
- Extend the useful life of the stored fuel – eliminates the need to dispose and replace with fresh product
- Improve operational efficiency
- Contribute to site safety
- Reduce costs
- Catalyst addition eliminates bacterial build up and renders the fuel fit for use at all times
- The combined cleaning and catalyst addition is the complete answer to fuel storage problems
- Help customers with their environmental compliance – clean fuel improves filtration, combustibility and stability, lowers emissions and extends component life



An AdlerandAllan Company

Fuel Treatment, Polishing & Tank Cleaning

E&S proprietary mobile
fuel conditioning and
tank cleaning systems,
and fuel treatment products



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Fuel maintenance solutions:

- Prevention is better than cure
- Short-term (cheap) solutions are rarely effective
- Early diagnosis saves costly downtime
- Maintaining fuels in pristine condition requires a planned diagnosis and remedial programme

All fuel systems have the potential for water, sludge and microbial contamination and unprotected systems will continue to cause problems.

Dispensing fuel free of contaminants is operationally efficient – saving on costly downtime to clean filters, tanks and lines – and enhances your reputation as a reputable supplier

A regular maintenance programme is recommended to maintain fuel in pristine condition at all times. Ask E&S for details.

Fuel maintenance – mobile polishing & treatment systems

E&S are a leading exponent of ensuring stored fuel is water, sludge and microbe free using a combination of a custom-built fuel filtration and polishing system with a specially formulated fuel catalyst.

The mobile fuel polishing and tank cleaning system (MTC) is designed to effectively remove harmful sludge, water and other contaminants from storage tanks. The system, involving the use of a fuel catalyst, re-conditions the stored fuel at the same time, saving on its removal and replacement with fresh product

The use of a mobile, safe and reliable cleaning unit on site is operationally convenient and eliminates the need for degassing, fuel removal and conventional 'man entry' tank cleaning.

Symptoms in the tank

- Dark-coloured fuel
- Slimy mass in tanks and filters
- Water in fuel
- Fuel system fouling
- Unexplained contamination

Engine systems

- Dark exhaust smoke
- Low RPM at full throttle
- Corroded injectors
- Fuel line clogging
- Filters clogging

What the MTC unit does

The 'fuel dialysis' system circulates and cleans fuel by pumping it from the tank, processing it through the cleaning unit and back into the tank.

The fine filters in the unit (3 micron) remove sludge – along with other organic/in-organic impurities, and water – in a continuous process until all contaminants are removed, the fuel sampled and declared clean and fit for purpose. The process cleans the tank and its contents at the same time.

Fuel catalyst

The addition of a specialist fuel catalyst renders both organic and inorganic material more filterable, eliminates fungal growth, improves the fuels combustibility and restores it to pristine condition. It also enhances lubricity, inhibits corrosion within the tank, reduces harmful exhaust emissions and restores the fuel to optimum combustibility.

