



An Adler and Allan Company

Specialist
Fuel Services



E&S SERVICE

Be Prepared. Stay Protected.

Tank cleaning and best practice
for bio-fuel tank storage
and distribution

01993 852419

Specialist Fuel Services



Legislative & Regulatory Influences

What do they mean?

Legislation

There are two main drivers behind the changes in fuel specifications that are currently taking place within the industry. The RTFO (Renewable Transport Fuels Obligation) is a legal requirement established under the EU Bio-Fuels Directive and placed upon all UK refiners and importers of road fuels to ensure that a specified percentage of all such fuels is made up of a renewable component.

The EU Directive 2009/30/EC effective from 1st January 2011 stipulates that all gas oil for non road mobile machinery (NRMM) will be required to contain no more than 10 parts per million of sulphur. This will bring it into line with the current specification for ULSD (Ultra Low Sulphur Diesel). NRMM usage will encompass Agricultural Machinery, Portable/Mobile Generators, Construction Equipment and Inland Waterway Vessels.

In reality, refining and storage limitations will mean that the majority of gas oil supplies to all users are likely to contain up to 7% bio-diesel from the 1st of January 2011.

Regulatory

There are other regulatory influences affecting the bio-fuels market such as EN 14214, the European (EU) standard for bio-diesel containing in excess of 5% bio. Up to 5% bio (and shortly up to 7%) is covered by the existing BS EN590 standard. Most major engine and vehicle manufacturers endorse the use of bio-diesel in excess of 5%, some in blended form and some up to pure 100%, but most also provide caveats on the type/source of the bio feedstock. Given that EN14214 does not stipulate any particular feedstock, and given that the end user is unlikely to know what bio feedstock his fuel will contain, it will be very difficult for a vehicle operator to maintain the validity of his warranties.

All operators choosing to go down the route of higher bio blends are therefore going to have to be extremely vigilant in maintaining fuel quality through more regular inspection and testing.



Bio-diesel will require a more frequent and higher standard of maintenance than standard diesel. Microbial growth and water may exacerbate localised corrosion. It may also result in the blocking of dispenser filters and fuel lines.



The Adler and Allan Fuel Quality Solution

Regular maintenance to keep your fuel in pristine condition

The Adler and Allan fuel cleaning solution

To prevent the build up of microbial growth and the discolouration and degradation of bio-diesel, a preventative maintenance programme should be implemented. Adler and Allan has over 30 years experience in fuel quality and has become a market leader in advanced fuel polishing solutions.

Storage Tank Housekeeping

Dispenser filters and cut-off systems should be checked regularly to ensure that dispenser filters remain clean enough to retain line pressure and cut-off function. Where there is sufficient degradation of the filter it should be changed immediately. If microbial contamination is suspected, we can assist by treating and polishing fuel.

Fuel Maintenance

Regular sampling and testing of fuel should be undertaken to ascertain water content, discolouration or the presence of sediment. Subject to the results the solutions are – a full system integrity test, dewater/desludge or a complete fuel polish.

Call now to discuss fuel quality services on **01993 852419**

Our range of unique mobile tank cleaning and fuel polishing systems can treat up to 100,000 litres per hour.



Other Services from Adler and Allan

Tank Services

Adler and Allan's reputation has been built on its experience of working with all types of storage tanks. We offer a safe, efficient and compliant oil tank purging, decommissioning and removal service.

- Uplift and transfer of residual product
- Draining and disposal of tank bottoms and sludge
- Cleaning and purging of pipework
- Tank Cleaning, Testing and Decommissioning of tanks using inert product filling and removal



Waste Oil Management

Adler and Allan is fully licensed to handle commercial and industrial waste disposal including waste oil collection and the disposal of hazardous waste.





Spill Response

Rapid response, expert analysis and prompt action are the key components of effective oil and chemical spill clean up and damage-limitation.

Our Spill services include:

- 24 hour emergency oil and chemical spill response
- Sampling and analysis
- Environmental site investigations
- Spill equipment and boom hire

Fuel Tank Installations

Adler and Allan provides a variety of oil tank services to storage tank owners and operators in all sectors. Our fuel tank installation, replacement and maintenance services include:

- Fabrication of bespoke-build steel oil tanks or plastic
- Installation of oil tanks, bunds and pipework
- Tank gauge and alarm servicing
- Fuel tank inspections, repairs and maintenance

Separator/Interceptor Services

As the country's leading separator installation and service group, we can help set up regular separator installation maintenance contracts to keep all pollution prevention equipment working at optimum efficiency levels whilst satisfying environmental inspections.





- Tank Cleaning & Removal
- Fuel Tank Installations
- Spill Response
- Interceptor Cleaning
- Waste Oil Management
- Fly-Tipped Waste & Plant Removal

As with all its services, Adler and Allan is on call 24 hours a day to deal with emergency jobs including the safe collection of hazardous waste.

For a free, no obligation quotation please email Adler and Allan at sales@adlerandallan.co.uk
 More detail on our services, depot locations and key contacts can be found at www.adlerandallan.co.uk



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- Fuel Quality
- Fuel Polishing
- Fuel Tank Dewatering



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