

Protecting your Data Superior Fuel Cleaning

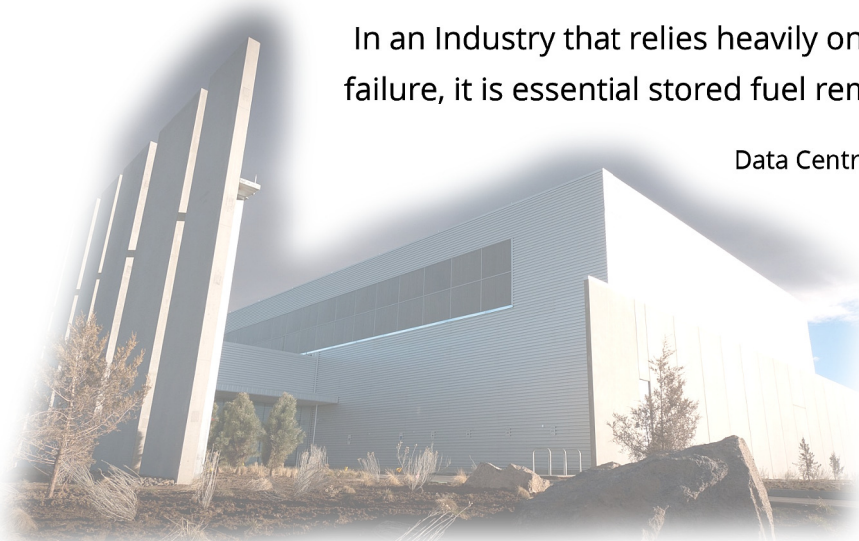


In an Industry that relies heavily on back up generators in case of a mains power failure, it is essential stored fuel remains clean to prevent complete power failure.

Data Centres make substantial investment in back up generators to ensure business continuity in the event of power failure.

However, the quality of the fuel in the generators is often over looked.

Depending on the industry the results of complete power failure, could cost millions of pounds in a data centre, loss of all chilled food stored in a supermarket, or a devastating cost of lives in a hospital.



Fuel in back up power supplies could be stored for years without being used. In that time it can become contaminated with water, sludge and bacteria. This blocks the back up generator, stopping it from working and causing damage to the system.

When a power outage occurs, and the back up system fails, devastating consequences can follow.

Along with the financial implications as a result of power failure (disposing of dirty fuel and replacing it), there is also an environmental impact.

Disposing of contaminated, unusable fuel, increases the carbon footprint of the company. Meanwhile, using heavily contaminated fuel produces higher emissions and poorer efficiency before a total failure occurs.

Introducing WASP PFS Ltd
WASP PFS Ltd are the market leaders in Fuel Polishing (cleaning) Systems.

Our innovative systems prevent the contamination occurring, while also clearing existing contamination.

The Fuel Polishing Systems extract contaminants including free and emulsified water, bacteria, sediment and sludge.

With over 25 years experience in the fuel filtration industry, WASP PFS Ltd are your cleaner fuel experts.

RESULT NO POWER

Power failure - backup generator fails to work

Complete Power Loss
Data Loss and Corruption
Potential Cost of £1000's



Fuel Tank is filled up with fuel



6 Months + later



Condensation forms in the fuel tank



Injectors block with contaminants, causing engine part issues



Water mixes with fuel and produces bacteria, sediment and water emulsifies in fuel

WASP PFS Ltd

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What is Fuel Polishing

Fuel polishing is the technological cleaning process which removes water and particulates from fuel stored for the medium to long term.

This process keeps fuel at optimum condition and helps prevent fuel related engine and generator failures.

How does it work?

There are many different stages to the fuel polishing process which follow one after the other in a specific sequence.

This ensures the water, sludge, sediment and other contaminants are removed from the fuel.

Easy-to-use control

Our easy to use but highly effective systems use the latest in touch screen technology to provide graphical representation of the system. The full control system, can be programmed to run as per your requirements, while also providing monitoring information.

Innovative Technology

Technologies used are unique to WASP PFS Ltd. We have scientifically tested many mediums and designed our own filter stages to offer the best in fuel polishing.



Custom Built

In addition to our class leading standard units, specific customer requirements can also be met via our bespoke units. Our previous catalogue of custom-built systems includes automatic tank changeover (for cleaning multiple tanks), sensor driven heater and cooling options, stair climbing trolley mobile units, automatic water drain, dosing systems, stainless steel enclosures, GSM Monitoring, heated jackets to avoid separated water from freezing, frame mounted units and FieldBus communications (including MODBUS). See our website gallery for examples.

Why Choose WASP PFS Ltd?

With over 25 years experience in the fuel filtration industry, WASP PFS Ltd are the expert market leader, providing fuel polishing solutions world-wide.

- Superior systems built with best quality materials and to highest standard
- Only dedicated British manufacturer and supporting local businesses
- Continuous product development, in-house testing of new innovative materials to further improve filtering
- Ever expanding catalogue of standard and custom built systems (see online gallery)
- Full control of spares, ensuring availability for many, many years to come
- In house experienced support and training available
- ISO 9001:2008 registered company



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WASP 
Pure Fuel Systems