

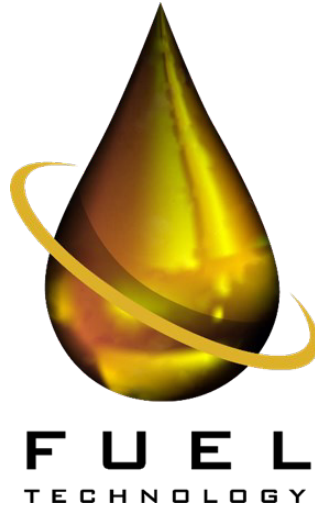
F U E L
TECHNOLOGY



Diesel Filtration & Tank Maintenance

www.fueltechnology.com.au





Fuel Technology provide high quality products and specialist services to various industries throughout Australia where diesel fuel is consumed. With advanced product technology and a team of professionals with an outstanding commitment to service, we offer the following:

- Diesel filtration systems
- Diesel storage tank cleaning
- Diesel storage tank maintenance programs
- Equipment tank maintenance
- Supply effective biocide treatment
- Assistance to improve fuel storage housekeeping

Why work with Fuel Technology?



We specialize in improving diesel quality and protecting valuable equipment



We are focused on being industry leaders who utilize scientifically proven products



We build partnerships, working closely with each and every client to achieve significant results

Contact us on (08) 9353 1016 to discuss how our range of products and services can assist your operation or visit www.fueltechnology.com.au

DIESEL FILTRATION SYSTEMS

When supplying your engine with low-quality or contaminated fuel is not an option

Not all filters are created equal! Fuel Technology is the sole distributor throughout Australia for the innovative DieselPure filtration systems and filter elements.

While most filters (including engine fuel system filters) only remove larger contaminants and free standing water, DieselPure filters have been proven to remove contaminants down to sub-micron levels along with sludge, free-standing water and emulsified water.

We work directly with our clients to design an in-line filtration system for each individual application. Why is that? Because when you want the most efficient and reliable filtration system for **your** fuel facility, a generic, off-the-shelf system with uneconomical filter elements simply won't cut it. Our systems will ensure your valuable equipment always receives clean fuel.

An efficient filtration system as supplied by Fuel Technology will:

- Extend injector life
- Prevent premature engine wear
- Extend engine fuel filter life
- Remove particulates down to sub-micron
- Remove moisture
- Prevent fuel component corrosion
- Keep your fuel clean and usable at all times
- Ensure a more pure fuel supply resulting in a more efficient engine

Where to start? Contact us now to organise an on-site fuel facility survey by one of our diesel quality specialists.



DIESEL TANK CLEANING

Protecting equipment and infrastructure

The introduction of the common rail fuel system meant a range of benefits - improved fuel efficiency, increased power & reduced emissions. With these modern engines operating at such fine tolerances and high pressures this created an associated concern....the requirement of a pristine fuel supply.

Often located in harsh conditions and without regular maintenance, diesel storage facilities are generally the main culprit when a fuel contamination issue arises.

Fuel Technology's tank cleaning service utilizes state of the art filtration technology developed by Canadian company - DieselPure. The system is effective at removing contaminants down to sub-micron levels, along with sludge, particulates and water.

With the obvious importance placed on providing site equipment with clean fuel, removing contaminants from storage tanks means that the tanks themselves are maintained. This not only provides a sustainable environment for the fuel but also prevents infrastructure corrosion and degradation.

Our unique tank cleaning system is non intrusive to your operation, environmentally friendly and extremely economical.

Contact us now to find out how you can save your operation critical downtime as well as expensive, premature replacement of injectors and fuel system/engine components.



Samples of contamination removed from diesel storage tanks and the tank cleaning system providing ongoing benefits

TANK MAINTENANCE PROGRAM

Who's looking after your diesel storage facility?

Diesel - The lifeblood of your operation. As important as it is, due to various reasons the diesel storage facility is quite often an area that receives the least attention.

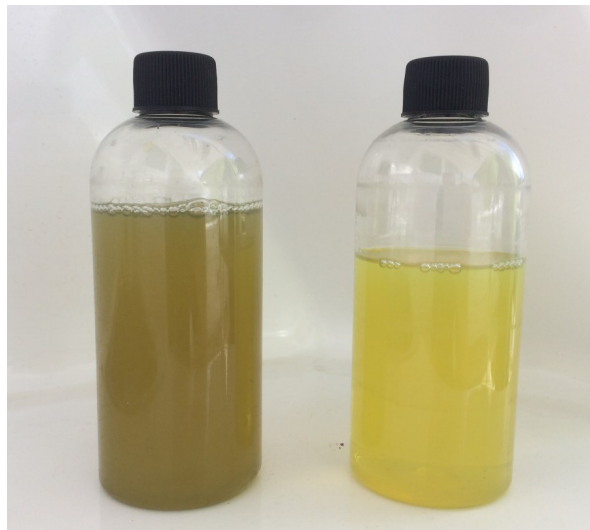
While there has long been some level of importance placed on diesel cleanliness, the simple fact is that today's common rail fuel systems demand clean fuel. Identifying and removing contaminants and water from diesel tanks as quickly as possible will remove the headache (and costs) associated with replacing damaged equipment components.

Fuel Technology can devise and conduct an ongoing maintenance program to suit individual site requirements. This involves regular fuel sampling from different storage tank levels (not just at a set drain point) with samples then independently analysed.

Regular testing not only monitors the tank and fuel condition but also identifies any contamination that may have entered the tank by various means.

The maintenance program can also include scheduled cleaning of tanks to operation requirements.

Add the fuel facility to your site maintenance checklist and let Fuel Technology's maintenance program provide peace of mind that your equipment is being supplied with contaminant-free fuel.



BACTERIA CONTAMINATION & BIOCIDES

Preventing diesel degradation

Under the right conditions, microbes in the form of bacteria and fungi can grow in diesel tanks at a rapid rate. These microbes live in the interface between diesel and water. So if your tanks have signs of bacteria growth, you have a water problem.

These microbes, such as *Cladosporium Resinae*, can have devastating effects including:

- Excreting acid that attacks metallics such as diesel tanks and engine fuel systems
- Premature wearing of engine components
- Blocking fuel filters
- Reducing engine efficiency
- Rapidly deteriorating fuel

Treatment with a high quality biocide along with subsequent removal of any water and contaminants from the diesel tank is the only option when a bacteria infestation is present.

There are many diesel biocides on the market however not all are registered and accepted by the oil industry. Fuel Technology supply a biocide that is not only used worldwide in the oil industry, its high quality chemical makeup and unmatched effectiveness means that it complies with the stringent requirements of the aviation industry.



Samples of filters blocked with microbe



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