

The increasing bio-content in today's diesel means that fuel tanks often contain problematic water levels. Whilst all fuel can suffer from condensation or rainwater, biodiesel is hygroscopic meaning it attracts and holds onto water, making it an even more likely victim of such contamination.

As the area between water and fuel is the perfect environment for microbial growth, "diesel bugs" begin to develop. Over time they create a nasty sludge that can block filters, damage pumps and gets sucked into the machinery/ vehicle. Not only this, but the presence of water in fuel can also result in expensive injector damage, engine system corrosion and poor fuel efficiency.

Can you risk the costs, repairs and downtime caused as a result of not acting on water in your fuel tank?













# **Free vs Suspended and Emulsified Water Aquafighter – A complete solution to water contamination**

**Free** – water you can see as a separate layer at the bottom of the tank. Suspended – water bound to the fuel molecules making it appear cloudy. Under pressure changes or agitation, it becomes fully emulsified with almost no separation between the fuel and water, making it now appear milky.

Standard filters and all other water absorbers only remove the free water, leaving half of the problem remaining. Aquafighter is the only absorbent product that also successfully removes the suspended water, keeping fuel completely free of water and eliminating the problems it goes on to cause for the engine and equipment.



### **How does Aquafighter solve water** contamination?

By simply placing Aquafighter in the tank through the largest opening, it uses a 3-step approach to keeping fuel water-free until it reaches capacity:

- **Step 1** Forces a chemical reaction that separates the bound water from the fuel molecules
- Step 2 Captures the water inside the fabric membrane by bonding it to the special polymer
- Step 3 Releases water free, clear and bright fuel back into the tank

# **Aquafighter benefits:**

- » Captures and removes free and emulsified water
- » Prevents diesel bug from forming
- » Works directly in the tank (no fuel removal needed)
- » Fliminates the need for most additives
- » Reduces filter replacement by around 60%
- » Reduces the need for tank cleaning
- » Protects tanks from corrosion
- » Exceeds EN590 standards 100% efficient at reducing water to <75ppm

## Don't just take our word for it!

Over 7000 lab tests showed 100% efficiency in water content removal to under 70ppm (90% of tests were performed by 2 of the world's largest fuel producers). Testing of B7 diesel at the renowned Saybolt Laboratories showed 100% efficiency to less than 64ppm and after more than 1 week exposure, as low as 40ppm. The untreated sample tested at 363ppm.

#### Models available:

- 1. Finger 200ml Capacity For tanks on small machinery, agricultural & plant equipment up to 150ltrs.
- 2. Snake 500ml Capacity For tanks with small openings up to 500ltrs e.g. gen-set belly tanks & boats.
- 3. Anaconda 4l Capacity For IBCs or bulk fuel tanks up to 10,000ltrs with a 4in opening.
- 4. Medium Canvas 2.5l Capacity For bulk fuel storage tanks between 500 and 5000ltrs.
- 5. Large Canvas 4.5l Capacity For bulk fuel storage tanks between 5000 and 10,000ltrs.





