

The increasing bio-content in today's diesel means that fuel tanks often contain problematic water levels. Many farmers will recall the fuel problems of 2019 and how filters kept blocking with nasty sludge leaving them unable to dispense fuel and causing disruption to farming activities.

As the area between water and fuel is the perfect environment for microbial growth, "diesel bugs" begin to develop. Over time they create this nasty sludge that blocks filters, damages pumps and gets sucked into your machinery. The presence of water in fuel can 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 other water absorbers only remove free water, leaving half of the problem remaining. When fuel is left to sit inside machinery until the next season, the water is left to settle posing a huge risk when you next come to use it. Aquafighter is the only absorbent that also removes suspended water, keeping fuel water free and eliminating the problems it can go on to cause.



#### 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)
- » Eliminates 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:

Aquafighter models are available for tackling the problem both in your bulk fuel storage tank or directly in your tractor, combine and agricultural machinery in the seasons they are not being used.

- 1. Finger £42.70 +VAT For small machinery tanks up to 150ltrs.
- 2. Anaconda £82.70 +VAT For IBCs & tanks up to 10,000ltrs.
- 3. Medium Canvas £78.00 +vat For 500-5000ltr bulk fuel tanks.
- 4. Large Canvas £121.55 +VAT For 5000-10,000ltr bulk fuel tanks.

