

# RedDiesel

## Prevention is OneShot's solution

As marina operators we have a responsibility to advise boat owners who may not yet be fully aware of the potential problems associated with the changes in diesel fuel composition since January 2011. These include possible bacteria growth, higher water content and poorer combustion performance, following changes in legislation relating to sulphur content and increased use of bio-fuels. As stated in Patrick Keating's article in the previous issue, the risk factor has increased by a factor of 15.

Well putting it in perspective this means that over 130,000 diesel boat owners in the UK now have a decision to make, do I proactively prevent an expensive fuel clean

and engine strip down or take a gamble that the diesel supply chain, boat storage location, weather and ambient temperature is such that fuel bugs are not a risk. Boat owners don't want a bill for an engine strip down, replacement fuel filters or pumps, fuel polishing or a complete refuel. This is particularly relevant for sea going vessels with potential for engine failure and the repercussions of this happening when off shore.

One solution is fuel additives to prevent, maintain and eradicate problems that may arise. There is a wide range of products on the market and it is worth knowing that not all of them will be effective with the chemical composition of modern marine diesel.

This year will be a good testing

ground for the 'real world' performance of new fuel additives which are coming on to the market and the advice to boaters is to research and implement a fuel maintenance programme to take preventative action.

**Some key requirements of these additives are listed below which will ensure fuel is protected and ready for use:**

1. Boosts cetane number – Improves power, performance and cleaner burn
2. Enhances lubricity - Compensates for sulphur removal by lubricating internal parts
3. Preserves diesel – Increases storage capability due to increased bio-fuel content
4. Anti-bug properties – Biocide required as bio-fuels increase water content and hence propensity for bug growth in all weathers
5. Other areas for consideration include cold weather storage (Anti-Waxing properties)

**It is important that your berth holders are aware that when they refuel and run their engines that there is an increased risk of fuel problems and that they have a plan in place.**



Gareth Turnbull - General Manager

## HOW GOOD IS THE DIESEL

IN YOUR STORAGE / FUEL TANK?



Is your boat engine smoking, spluttering, trouble starting or just down on power?

Provide year round performance and protection, whatever the weather, by treating your engine and fuel to a much deserved tune-up with a NEW range of diesel additives, designed for all grades of diesel fuel...

Plain sailing with OneShot, every refuel

The OneShot Solutions range:

**OneShot** diesel fuel additives have been developed to address known potential issues resulting from EU driven changes to diesel (red / marine and gas oil) composition.

Reduced sulphur and higher biodiesel levels lead to reduced lubrication of important engine components and increased water condensation and pick up.

**This has a potential four fold effect:**

1. Power loss and increased particulates / smoke from incomplete combustion
2. Increased probability of contamination by "Diesel Bug" leading to:
  - a) Clogged Filters
  - b) Engine / injector damage
  - c) Fuel degradation requiring full replacement / cleaning and / or polishing
3. Increased sludge and tank varnish formation and deposits
4. Increased propensity for diesel wax formation in winter



**OneShot Diesel Bug Biocide**

- Kills & prevents "Diesel Bug"
- Inhibits sludge and slime build up
- Prevents plugging of filters, injectors and burners
- Protects against tank and pipe corrosion

**OneShot Diesel Storage Pro**

- Inhibits deposit and varnish build-up
- Disperses existing sludge / deposits
- Improves longer term storage stability
- Inhibits microbial contamination

**OneShot Diesel Anti-Wax**

- Very low temperature protection -20C
- Reduces water uptake
- Minimizes potential for "diesel bug"

**OneShot Diesel Power Max**

- Restores torque and power to 'as new'
- Enhances starting / smoother running
- Lower fuel consumption
- Significantly reduces smoke and emissions
- Cleans your engines internal parts

**OneShot Diesel ECO Plus**

- Maintains optimum torque and power
- Enhances starting / smoother running
- Lower fuel consumption
- Lower smoke, particulates and NOx emissions
- Reduces sludge & inhibits microbial contamination

Contact us for more information on the OneShot range of premium diesel additives

Reliability and performance for marine diesel engines delivered with...

**OneShot**

Save £££'s with **OneShot** seasonal maintenance programs

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