

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 protection and performance, whatever the weather, by treating your engine and fuel to a seasonal maintenance program from...

One Shot Diesel Fuel Additives

Prevention



Protection



Performance



Reliability, Protection and Peak Performance for marine diesel engines delivered with...



'New' Red Diesel Can Create Problems

Fuel Property	'Old' Red Diesel	'New' Red Diesel	EN590 Diesel
Sulphur content (ppm)	1,000 max.	20 max.	10 max.
CFPP (°C)	-12W, -4S	-12W, -4S	-15W, -5S
Cetane number	45 min.	45 min	51 min
Particulates (mg/kg)	-	24 max	24 max
Lubricity (microns)	-	460 min.	460 min
FAME (% vol.)	5 max	7 max	7 max

The UK's diesel supply has become highly variable. Some batches of diesel are EN590 Diesel dyed red; others contain high volumes of imported fuel with relatively high cuts of biodiesel (FAME) and a low cetane number. The common distribution networks can now result in inconsistent supply.

Boats are running rough on the batches of diesel at close to 45 cetane number and others are suffering from internal hard lacquers blocking fuel injectors and creating excessive black smoke.

We are receiving many more enquiries from diesel consumers requesting information and practical advice on how to deal with rough running, haze (water in suspension), layering, filter blocking problems and extreme smoking.

The largest problem by far has been the diesel waxing up during the recently cold weather. There have been several examples of diesel stiffening up at -7°C compared to the -12°C (CFPP) specification.

The UK has **confirmed cases** of "Diesel Bug" in commercial and private pleasurecraft and this spring will highlight the full impact, due to the diesel fuel changes. Prepare and Protect yourself and your boat engine with **OneShot Diesel Additives**.



- *Water pick-up*
- *More deposits*
- *Bug growth*
- *Power loss*
- *Rough running*
- *Engine damage*
- *Winter operation*



Prepare yourself for spring
www.siriusmarine.co.uk/oneshot



What Diesel Boat Owners Should Consider

- Routinely use **OneShot Diesel ECO Plus** to maintain peak performance while protecting critical components e.g. pumps & injectors, minimizes potential for "Diesel Bug"
- Add **OneShot Diesel Power Max** directly to the fuel tanks of boats or barges down on power or with excessive smoke / exhaust fumes, to clean engine parts and restore peak performance in one tank fill (e.g. at or prior to a service)
- For those boats or barges that remain idle for several months use **OneShot Diesel Storage Pro** to ensure the long term storage stability of the diesel in your tank and **OneShot Diesel First Start** direct to fuel filters to ensure engine starts first time.
- Routinely use **OneShot Diesel Bug Biocide** additive at a "maintenance" dose to keep your diesel free from bugs or at a "kill" dose to take care of the problem quickly, if a bug infestation does occur
- For boats used during the winter add **OneShot Diesel Anti-Wax** in advance, as a preventative measure for extra protection in cold temperatures as low as -20°C (these additives do not work if the wax has already dropped out)

*Improve tank housekeeping by regularly checking for the presence of bugs.

**When power output drops or difficulty starting / excessive black exhaust smoke occurs, this may be a sign of contamination, treat immediately.

OneShot Seasonal Maintenance Program

<p>Spring: Intermittent cruising, every refuel:</p> <p>OneShot Diesel ECO Plus* OneShot Diesel Power Max* OneShot Diesel Bug Biocide OneShot Diesel First Start*</p>	<p>Summer: Regular cruising, every refuel:</p> <p>OneShot Diesel ECO Plus* OneShot Diesel Power Max* OneShot Diesel Bug Biocide</p>
<p>Autumn: Minimal cruising, prepare for winter:</p> <p>OneShot Diesel Storage Pro (final refuel) OneShot Diesel Bug Biocide OneShot Diesel Power Max OneShot Diesel Anti-Wax (final refuel)</p>	<p>Winter: Berthed for winter / minimal use:</p> <p>OneShot Diesel Anti-Wax* OneShot Diesel Storage Pro* OneShot Diesel First Start*</p>

* Recommended for maximum protection, peak performance and reliability...





Diesel Fuel Additive Guide

Product	Benefits	Dose frequency
OneShot Diesel ECO Plus	<ul style="list-style-type: none"> • Delivers optimum torque and power • Enhanced starting/smooth running • Lower fuel consumption • Lower smoke, particulates and NOx emissions • Reduces sludge & inhibits microbial contamination 	Every refuel / delivery (bulk or vessel tank) 1 litre treats 2,000L of fuel
OneShot Diesel Bug Biocide	<ul style="list-style-type: none"> • Kills & prevents "Diesel Bug" • Inhibits sludge & slime build-up • Prevents plugging of filters, injectors and burners • Protects against tank and pipe corrosion 	Every refuel / delivery (at maintenance dose) 1 litre treats 50,000 L of fuel
OneShot Diesel First Start	<ul style="list-style-type: none"> • Enhances first time start success • Boosts Cetane number for maximum burn 	After winter storage 1 litre treats 500L of fuel
OneShot Diesel Power Max	<ul style="list-style-type: none"> • Restores torque & power to "as new" • Enhances starting / smoother running • Lower fuel consumption • Reduces smoke and emissions • Cleans engines internal parts 	Power loss or at service 1 litre treats 500L of fuel
OneShot Diesel Storage Pro	<ul style="list-style-type: none"> • Inhibits deposit & varnish build-up • Disperses sludge / deposits • Improves longer term storage stability • Inhibits microbial contamination 	2+ months non-use 1 litre treats 4,000L of fuel
OneShot Diesel Anti-Wax	<ul style="list-style-type: none"> • Keeps engine working down to -20°C • Inhibits microbial contamination • Minimizes water uptake 	Every refuel / delivery (Nov to end March) 1 litre treats 1,000L of fuel

OneShot Diesel Additives are designed to improve the performance and stability of diesel fuels and to reduce field problems associated with variability in diesel supply. Our **OneShot Diesel Additives** range are blended from high grade hydrocarbon components and are fully compatible with all grades of diesel. Regular use of the **OneShot Diesel Additives** will ensure protection and peak performance for your boat engines for years to come.

"Plain Sailing with OneShot, every refuel"

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