

MARINE FUEL ADDITIVE PRODUCT GUIDE

PRODUCT	ACTION	USE
Exocet® Marine Fuel Conditioner	<ul style="list-style-type: none"> Inhibits microbiological contamination Prevents water pick up Improves power and smooth running Protects fuel pumps and injectors 	Every delivery (bulk or vehicle tank) 1 litre treats 2,000 litres of fuel
Exocet® Deep Sea Marine Fuel Conditioner	<ul style="list-style-type: none"> Increase fuel shelf life and inhibit fuel tank sludge formation Prevents microbiological growth Promotes a clean fuel system and inhibit injector fouling Promotes fuel-water separation to prevent water carryover to the engine 	Every delivery (bulk or vehicle tank) 1 litre treats 2,000 litres of fuel
Exocet® Diesel Power Restorer	<ul style="list-style-type: none"> Restores optimum power quickly Removes injector deposits No vehicle downtime needed 	Power loss or at service 1 litre treats 500 litres of fuel
Exocet® Anti-Wax	<ul style="list-style-type: none"> Keeps engine working down to -20oC Changes wax structure Inhibits filter blocking Allows for winter grade fuel all year round 	Every delivery (Nov to end March) 1 litre treats 1,000 litres of fuel
Exocet® Anti-Bug Kill/Protect	<ul style="list-style-type: none"> Prevent bugs with Anti-Bug Protect Kill bugs within 24 hrs with Anti-Bug Kill Avoids blocked filters Leaves no residue 	Protect Every delivery 1 litre treats 20,000 litres of fuel Kill as required 1 litre treats 5,000 litres of fuel
Exocet® Fuel Store Plus	<ul style="list-style-type: none"> Keeps fuel fresh up to 2 years Reduces deposits and varnishes Prevents bugs Acts as a corrosion inhibitor Works with FAME blends 	Every delivery and tank fill of fuel is to be stored for more than 3 months 1 litre treats 4,000 litres of fuel

We are ISO 9001 accredited for the formulation, manufacture and distribution of our Exocet branded fuel additives for gasoil, heating oil, diesel and petrol.

Our additives are highly concentrated and offer best in class performance. They are used widely as fuel upgrade additives or as problem solvers dealing with field issues associated with base fuel. We can deliver our product in various container sizes ranging from 50ml bottles to 1,000 litre IBCs.

CONTACT YOUR FUEL SUPPLIER OR MACHINERY SPECIALIST

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FUEL ADDITIVES FOR LEISURE, COASTAL AND DEEP SEA MARINE APPLICATIONS



WHY USE FUEL ADDITIVES?

- Fuel quality is not what it was and is variable - lower grade fuel blends or fuel of uncertain provenance
- The marine environment provides 'the perfect storm' for the onset of fuel-related problems
- The available fuel is not necessarily compatible with current engine design and need
- Stringent emission control requirements mean that fuel and/or exhaust after treatment systems require a little 'help' to meet the standards, especially heavier fuel such as residual marine (RM) grades

Fuel additives:

- Solve problems
- Enhance performance
- Contribute positively to sustainability objective

WHAT ARE THE ISSUES AND WHAT IS IMPORTANT?

- deposit control** - solid deposits have a major impact on the performance of modern, tight-tolerance fuel injectors. Removing these deposits and preventing them from forming is critical to keeping engines running at design performance
- fuel atomisation** - cleaning up and keeping clean the burner nozzle ensures consistent fuel flow into the combustion chamber and the correct level of atomisation to maintain optimum fuel burn
- sulphur content** - specified by the fuel standard, controlled by the refinery/blender. A low sulphur content is associated with poor natural lubricating properties and can result in fretting and premature wear in fuel pumps. Usually only an issue with A2 gas oil (red diesel)
- cetane number** - helps produce a more complete fuel burn, enhancing power output, fuel economy and emissions control. Of more significance in higher speed diesel engines than in slower moving, deep water drivers
- water content** - water in engines is not a good idea. Fuel and water should be made to separate and be kept separate
- biodiesel (FAME) content** - often a great unknown but out there in the supply chain and the root cause of myriad problems
- cold flow** - operators need to know that fuel will flow properly all year round
- 'the diesel bug'** - easy tank-to-tank contamination, bugs can quickly become a semi-solid mass blocking fuel lines and filters
- fuel shelf life** - fuel can age rapidly, especially if its origin is unknown or it contains FAME. Fuel aging can negatively impact ignition quality and solids build up

WHAT CAN FUEL ADDITIVES DO?

	Marine Fuel Conditioner ¹	Deep Sea Marine Fuel Conditioner ²	Diesel Power Restorer	Anti Wax ³	Anti Bug Kill	Anti Bug Protect	Fuel Store Plus
Controls engine deposits	✓	✓					
Increases the cetane number (increases combustion efficiency)	✓						
Maintains fuel/water separation	✓	✓					
Improves fuel lubricity	✓	✓					
Removes engine deposits, rapid fuel system clean, restores power losses			✓				
Kills microbial infestation					✓		
Prevents microbial infestation	✓	✓				✓	✓
Lowers the handling temperature of fuel				✓			
Helps to keep fuel tanks sludge free	✓	✓					✓
Increases the fuel shelf life							✓
Lowers soot and improves combustion		✓					

NOTES

- Intended for use in BS2869:A2 gas oil and marine distillate (DM) grades
- Intended for use in residual marine (RM) grades
- Only suitable for BS2869:A2 gas oil