



Description

Exocet Marine Fuel Conditioner is a multi-component, liquid fuel additive formulated to upgrade standard marine gas oil and diesel.

Application

Each 1 litre bottle treats up to 2,000 litres of fuel and the additive can be added to bulk storage or directly into the vessel tank.

Exocet Marine Fuel Conditioner is particularly suited to address the issues caused by the changes made to the UK's gas oil specification. Critically our product will:

- Increase the fuel's cetane number and therefore the combustion efficiency of the engine
- Compensate for low sulphur fuel, which can lead to excessive wear in fuel pumps and injectors

Features

- Increase the fuels shelf life and inhibit fuel tank sludge formation
- Promote fuel-water separation to prevent water carryover to engine
- Prevent microbiological growth
- Reduce particulate (visible) exhaust emissions
- Promote a clean fuel system and inhibit injector fouling

All exocet™ branded products are available in a range of sizes to 1,000 litres

Key Benefits

An increase in the fuel's cetane number improving overall combustion efficiency leading to improved emissions quality and reducing the tendency of 'knock'.

An increase in the fuel's shelf life fuel left to stand in a marine environment quickly oxidises with the potential to form deposits in tanks and fuel delivery systems; FAME-containing fuel's are particularly susceptible to this. The additive inhibits the oxidation tendency and allows for safe, longer term storage.

An increase in the fuel's lubricity an unintended consequence of the sulphur removal process is a reduction in the fuel's natural lubricity leading to excessive or premature wear in fuel pumps and injection equipment. Exocet Marine Fuel Conditioner compensates for this to provide trouble-free equipment operation.

An increase in the fuel's resistance to microbial contamination marine fuel tanks are prime breeding grounds for all manner of micro-organisms – 'diesel bugs'. If left unchecked these quickly multiply creating a fuel sludge, blocking filters and stopping engines – a major safety concern. Regular use of the additive provides a maintenance dose of fuel biocide.

An increase in the fuel's resistance to water pick-up fuel naturally takes-up water and this process is enhanced by an increase in humidity and an increase in FAME content. The results are, at best, a reduction in the energy content of the fuel and, at worst, the creation of fuel-water emulsions. The additive promotes continuous fuel-water separation and will break emulsions giving optimum fuel quality.

The inclusion of a combustion catalyst combustion catalysts improve the reaction between fuel and air. As a result, more of the available fuel in each combustion cycle is burned, resulting in improved fuel efficiency and, more particularly, a reduction engine emissions, notably particulates (smoke). Having this component in the additive allows the operator to accommodate a wider range of fuel qualities with increased confidence.