

**PROVEN
FUEL
SAVINGS
OF 3%**

COST SAVINGS & INCREASED PROFIT

Reducing Fuel Consumption

Amazing fuel savings have been achieved using MarINOx™ to enable the adjustment of engine settings outside the restricted settings imposed by the parameter check compliance method. Successful engine optimisation has been carried out on tankers and container ships with fuel savings of up to 3.0% achieved across a number of independently audited projects, saving hundreds of thousands of dollars per year for the owners and charterers.

The CO/CO₂ ratio in exhaust gases is a key indicator of combustion efficiency – a rising ratio indicates rising fuel consumption. Monitoring this ratio enables alarms to be set and maintenance strategies developed to further ensure reduced fuel consumption.

Use Non-OEM Spare Parts & Service

As vessels age it is not always economically or practically viable to always use OEM NO_x critical spare parts. Under MARPOL Annex VI, unless your vessel has an approved on-board NO_x verification system installed, you must purchase only original engine maker spares. By installing MarINOx™ you can save many thousands of dollars in NO_x critical spares such as fuel injectors and cylinder liners.

Optimising Fuel Changeover for SECA Area

Low sulphur fuel is of course more costly than normal bunker, therefore choosing the optimum time to change over bunkers when moving into a SECA is very important. The simplest way to prove compliance upon entering the SECA is by monitoring the SO_x emissions from the exhaust to verify the sulphur content of the fuel. With the MarINOx™ SO_x analyser you can quickly see how long it takes for the fuel changeover, allowing you to optimise all future changeovers and reduce your consumption of low sulphur fuel. MarINOx™ provides you with a real-time record for the authorities to confirm compliance whilst in SECA.

Higher Charter Rates/More Days on Charter

Adopting environmental best practice by fitting MarINOx™ to your ships to access the benefits described in this brochure will clearly differentiate your ships amongst charterers. The competitive advantage that you create will help drive up your charter rates and achieve more days on charter.