

# AFT-B402 COMBUSTION CATALYST CII

## AFT-B402 COMBUSTION CATALYST CII

- Improve combustion & emissions benefits
- Improve Fuel economy
- Improve fuel stability
- Reduce soot formation and smoke emission
- Reduction of gaseous emissions
- Reduce carbon deposits
- Better engine performance
- Key technology differentiation
- Lloyd's Register Statement of Fact
- No harm approval confirmation
- Static engine test summary
- Vessel field trials summary
- Economic feasibility assessment

### PRODUCT DESCRIPTION:

AFT-B402 COMBUSTION CATALYST CII is an Iron based additive with a mixture of polymers in hydrocarbon solvent.

AFT-B402 COMBUSTION CATALYST CII is a combustion improver and fuel stabiliser additive, specifically designed to provide both fuel consumption and emissions benefits in Very Low Sulphur Fuel Oils and residual marine fuels. Product benefits include improved fuel stability, combustion, and fuel economy, along with the reduction of smoke and reduction of gaseous emissions.

### PROVEN TRIAL REPORT

AFT-B402 COMBUSTION CATALYST CII has undergone static engine testing as well as field trials on board a vessel.

**Test findings indicated a 0.8% SFOC saving.**

During the trial period, AFT-B402 COMBUSTION CATALYST CII showed positive impacts on the vessel's NOx and SOx emissions in achieving **NOx reduction of 4% and SOx reduction of 12%.**

A cleaner engine combustion chamber is also noted after using AFT-B402 COMBUSTION CATALYST CII .

**All information is available on the CIMAC website**  
<https://www.cimac.com>

### APPLICATION:

Injection point varies according to the layout of engine/boiler fuel system. To achieve best result, the addition method is obtained with a metering pump. Dose the additive into the suction side of the fuel pump (Diesel Engine). Alternatively, the additive may be added directly to the day tank before refilling to the bunker tanks.

Recommended dosage rate varies between 1 ltr to 10 – 20 tons of fuel depending on the engine characteristics, operating parameters and the quality of fuel oil.

### PHYSICAL PROPERTIES

Appearance	: Dark brown
Relative Density	: 1.006 g/cm <sup>3</sup> at 15 °C
Form	: Liquid
Flash Point	: 74°C

**Packaging:** Supplied in 25 litres non-returnable containers

**Important information:**

Apex chemicals Safety Data Sheets are available. Safety Data Sheets contain health and safety information for proper products handling procedures to protect your employees. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using.

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