



Innospec Presents.... Octamar™ Complete

Octamar™ Complete is the latest fuel treatment innovation from Innospec, and has been specifically developed for residual fuel grades, to deliver optimum fuel performance through handling, combustion and exhaust.

Shell tested Octamar Complete on an engine test bed engine at their Marine & Power Innovation Centre (MPIC) in Hamburg for its ability to improve specific fuel oil consumption (SFOC), stability and emissions.

Dramatic improvements in ignition and combustion, stability reserve and particulate emissions were all verified on site, whilst the engine raw data was normalised and assessed by Innospec's statisticians using industry approved methodology.

The result shows an average SFOC reduction of 1.6 % across the load range, whilst a maximum reduction of 2.2 % was observed at half load.

In addition, the following results were observed in the Shell engine test

- *Improvement across ignition and combustion profile*
- *Dramatic improvement in reserve stability number (RSN)*
- *Up to 60 % reduction in particulate matter*

Innospec's Vice President EMEA, Giorgio de Leonardi, said "As expected these tests have shown excellent results, and once again demonstrate Innospec's commitment to deliver the highest possible value to our client base. The proven benefits make a compelling business case for the use of Octamar™ Complete".

Talk to your local sales representative for more information.

Octamar™ Complete will be progressively available in 200 litre drums throughout the global stock points. The dosage rate is 1:6000 (1 litre to 6 MT).

ISO8217: 2017 Release. CIMAC Issues FAQ in Response

The long anticipated sixth edition of the marine fuel specification ISO8217 was released in March 2017.

The most notable change in the new standard is the inclusion of new grades in the distillate table. DFA, DFB and DFZ allow for the inclusion of up to 7 % FAME, and are optional to the traditional DM grades.

The International Council on Combustion Engines (CIMAC) has released a frequently asked questions guide which explains the motivations behind the changes to the standard, and their operational implications. CIMAC's FAQ is available for free download at the following [link](#).

Fuels containing FAME are not without their quality concerns, and Innospec has the expertise to assist if considering their use.



Innospec Shares Expertise with Next Generation at Singapore Maritime Academy



SMA
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In May 2017, Innospec was invited to the prestigious Singapore Maritime Academy to share our knowledge on marine fuels.

Our AsPac marine team, led by Regional Sales Manager Martin Chew, provided a 2 hour lecture to approximately 100 people, comprising of students, academics and current seafarers. The lecture covered the fundamentals of the marine fuel manufacture, the changing legislative landscape and its effect on fuel quality, current and future fuel quality concerns and their implications on vessel operation. The role of fuel treatment additives was also discussed, and their

role in improving fuel quality, reducing safety risks, and improving reliability and operational efficiency.

Innospec also offer this lecture service to their customers, for events such as officer and crew seminars, in order to increase education and awareness of marine fuel quality.

In line with our long term plans to expand our customer service, Innospec are pleased to inform that Innospec's AsPac marine team now includes Shawn Lim, who joined Innospec in March 2017 as Marine Technical Sales Manager for the region. Shawn sailed as Chief Engineer for APL and NOL, before acting as a Technical Superintendent.

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