



Lloyds Register Verify Octamar™ Winter

As the cold season in the Northern Hemisphere closes in, and cold temperature operability issues continue to rise, Innospec have launched Octamar™ Winter, a cold flow improver specifically formulated for marine distillate fuels.

Innospec's Octamar™ Winter has been verified independently by Lloyds Register, and has demonstrated to reduce pour point and cold filter plugging point (CFPP), by an average of 15°C and 10°C respectively. This brings about many safety and financial benefits to the end user including:

- Reduced risk of fuel waxing and solidification - a risk in cold and even temperate climates
- Maintain pumpability, filterability and operability, avoiding fuel starvation and loss of propulsion
- Improve reliability of lifeboats and other emergency equipment
- Treat MGO storage tanks, may reduce or even eliminate heating requirements
- Available in 25 litre pails for easy handling and application

Innospec's Director of Marine Specialties, Mr Giorgio de Leonardis said "Our wide client base was consulted in the development of this new product, and demand is proving to be high. Innospec have unrivalled expertise in the field of fuel cold flow through our refinery operations, and applying this to marine fuels was a natural process. The result is an extremely effective and bespoke product. As with many Octamar™ products, the Lloyds Register verification provides guarantees on performance that cannot be obtained anywhere else.

Octamar™ Winter is available in 25 litre pails and has a standard dosage rate of 1:1,000 (1 litre to 1 metric tonne). Please contact your local representative for more information.



Industry Focus: Cold Flow Properties of MGO

What has changed, how to assess a fuels operability, and how does the shipping industry protect itself? Innospec has released a detailed bulletin on the subject, but here's the summary.....

The recent shift to lower sulphur fuels, has had many operational consequences. But the consequences for refining should not be overlooked, where demand has changed too. In the case of marine distillate fuel, there seems a notable move toward fuels with higher wax contents, and this is being seen by both operators and fuel testing laboratories, who report worsening cold temperature operability. Further, as MGO is now being stored in onboard tanks which are more exposed to ambient conditions, the risks increase also.

Assessing cold flow is not made easy, as an ISO8217 analysis will only provide information on pour point – the temperature at which a fuel becomes solid. To assess operability however, the cold filter plugging point (CFPP) must be known, and no correlation exists between the two.

The International Council on Combustion Engines (CIMAC) recently published a recommendation on the matter, where additive application is listed as a solution to the issue. Innospec brings you Octamar™ Winter, an inexpensive and effective means of improving safety, reliability, integrity and efficiency.

Sustainability at Innospec

In September Innospec published its Sixteenth annual Sustainable Development Report, which provides an overview of the company's progress and activities in 2014.

The report outlines the eight focus areas of our strategy which are; health, safety & the environment; ethics & governance; employees; product sustainability & innovation; economic growth; community; and supply chain management.

This year's report has a new look and feel. There is a summary section at the front which presents the key highlights from 2014. This is followed by a further information section providing more detail and background on our activities.

Some of the key highlights in the report include reduction in energy, greenhouse gas emissions, hazardous waste and water reduction.

The report is available to download at: <http://www.innospecinc.com/about-us/corporate-social-responsibility>

