MARINE FUEL SPECIALTIES
Enhancing your fleet performance

PRODUCT DATA SHEET

Octamar™ HF-10 Plus

Pre-combustion Additives

Advanced VLSFO additive combining dispersant-stabiliser and antifoulant chemistries

Product Description

Octamar™ HF-10 Plus is an advanced multifunctional additive for Very Low Sulphur Fuel Oil (VLSFO). It combines dispersant-stabilizer and antifoulant to:

- Improve fuel stability and compatibility
- Disperse existing sludge and prevent further formation.
- Enhance combustion, reducing unburned carbon and deposits in engines and exhaust systems.
- Increase resistance to oxidation and thermal degradation
- Reduce fuel injector fouling and improve long-term filterability
- Deliver performance on fuels with up to 30% biofuels (FAME & HVO)

Typical Properties

Appearance	Brown, reddish liquid
Density at 15°C	875 kg/m^3
Flash point	≥61 °C
Pour point	≤-35 °C

Dosage / Directions for Use

Recommended dosage ranges:

- 1:10,000 (1 litre per 10 tonnes of fuel) to 1:15,000 (1 litre per 15 tonnes of fuel) for residual fossil fuels.
- Proven effective at 1:10,000 (1 litre per 10 tonnes of fuel) for biofuel blends up to B30.

Different dosage rates may be required for specific issues such as emergency sludge dispersion, poor fuel stability, or excessive injector fouling. Innospec experts are available to recommend tailored solutions and dosing programs based on your operational needs.

Application

For best results, Octamar™ HF-10 Plus should be dosed into storage tank prior to bunkering.

Storage & Handling on board

Store Octamar™ HF-10 Plus away from heat, open flame and ignition points. Always carefully read the Material Safety Data Sheet before use.

Pack Sizes

Octamar™ HF-10 Plus is supplied in non-returnable 25-litre steel pails.

Benefits

- Prevents sludge formation, separation issues, and filter clogging caused by fuel commingling.
- Enhances stability and compatibility across a wide range of VLSFO blends and origins.
- Improves oxidation and thermal stability of VLSFO containing up to 30% biofuels.
- Protects fuel integrity during prolonged storage and ageing.
- Reduces fuel injector fouling and supports cleaner engine operation.
- Assists in smooth fuel changeovers in Emission Control Areas (ECAs).
- Continuous use reduces sludge and maintains cleaner fuel handling systems.
- Improves combustion efficiency leading to cleaner engines and exhaust systems.
- Protects against risks associated with the presence of biodiesel derived Fatty Acid Methyl Ester (FAME), and possible corrosion caused by high TAN fuels.
- Minimizes filter-blocking tendencies linked to FAME use or distillate ageing.
- Dispersion & centrifugal evaluation of marine additives under JSA standard verified by Class NK.
- Reserve Stability Number (RSN) ASTM D7061-17 test verified by Class NK.

ClassNK

Innospec's Sustainability Program

Dramatically reduces particle emissions.

Enables increased use of bio and renewable fuels.

Investing just under USD$50 million in Research & Technology annually.

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Octamar™ HF-10 Plus

Pre-combustion Additives

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Innospec

Innospec is a global specialty chemical company. We provide innovative products, combined with excellent customer service and technical support. Our outstanding R&D capabilities have meant that we've been successful in bringing new technologies to market which allow our customers to improve their products and develop sustainable solutions for their chosen markets. Our business has a Sustainability strategy and we are investing and supporting products which help to reduce the carbon footprint of the global road, rail, marine and aviation transportation sectors and industrial applications.
We recognize that being a responsible business is key to our continued success. For us, it is an ongoing journey of progress and improvement.



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