



*MARINE
FUEL SPECIALTIES*
Enhancing your fleet performance



MARINE FUEL TREATMENT PRODUCT GUIDE

VERY LOW SULFUR FUEL OIL (VLSFO)

[FIND OUT MORE](#)

Prevent the problems of fuel instability and bunker incompatibility by using Octamar™ HF-10 Plus and Octamar™ Ultra HF – the only additives that protect against both distillate sludge and asphaltene sludge in VLSFO.

HIGH SULPHUR FUEL OIL (HSFO)

[FIND OUT MORE](#)

Improve scrubber efficiency by reducing exhaust particulates when using Octamar™ BT-25 and Octamar™ Complete – additives with more than 20 years of proven performance.

DISTILLATE AND ULSFO FUEL

[FIND OUT MORE](#)

For safe operation and to protect your engine use Octamar™ LI Series and Octamar™ Winterflow – fuel treatment with proven and verified performance.

Innospec is the world's largest supplier of marine fuel additives. As market leaders, it's our job to stay one step ahead of the issues fuel suppliers and fleet operators face when handling new fuels or fuels of varying quality.

We have many years' experience working in the industry and continually invest in research and development. Our scientists have developed many of the technologies that now set the benchmark for fuel additive performance. Innospec fuel technology implemented in the Marine Industry has already been used in Automotive Premium Diesel Fuels for many years to remove internal and external fuel injector deposits for optimising power and engine performance.

For more information

Contact your local sales representative

[VISIT OUR SITE](#)[AMERICAS](#)[EMEA](#)[ASIA PACIFIC](#)

VERY LOW SULFUR FUEL OIL (VLSFO)

Prevent the problems of fuel instability and bunker incompatibility by using Octamar™ HF-10 Plus and Octamar™ Ultra HF. The only additives that protect against both distillate sludge and asphaltene sludge in VLSFO.

Octamar™ HF-10 PLUS

Octamar™ HF-10 Plus prevents VLSFO ageing, keeps your engine running efficiently by stabilising fuel blends, reducing sludge formation and improving combustion.

Benefits

- Reduces VLSFO sludge in tanks, purifiers and filters.
- Prevents distillate ageing (chemical breakdown) and secures safe VLSFO heating.
- Improves combustion for stable and homogeneous fuel.
- Improves compatibility when using VLSFO.
- Provides safer fuel changeovers for ECAs.
- Unique technology keeps the whole fuel system and injectors clean.
- Optimises engine performance.
- Minimises unplanned maintenance and operational interruptions.
- Keeps storage tanks clean.

Application

Add Octamar™ HF-10 Plus to fuel storage tanks before bunkering to achieve best mixture. Maintain a good reserve of additive in each tank by pre-treating each bunkering to maximise fuel performance and reduce sludge and comingling issues by improving stability.

ClassNK

- 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.



[Click to enlarge](#)

Dosage rate

1:10,000-15,000: VLSFO fuel stability and compatibility, less sludge, better operability.
1:4,000: maximises fuel performance, long-term thermal stability results and optimised engine performance oxygen stability results.

Octamar™ Ultra HF

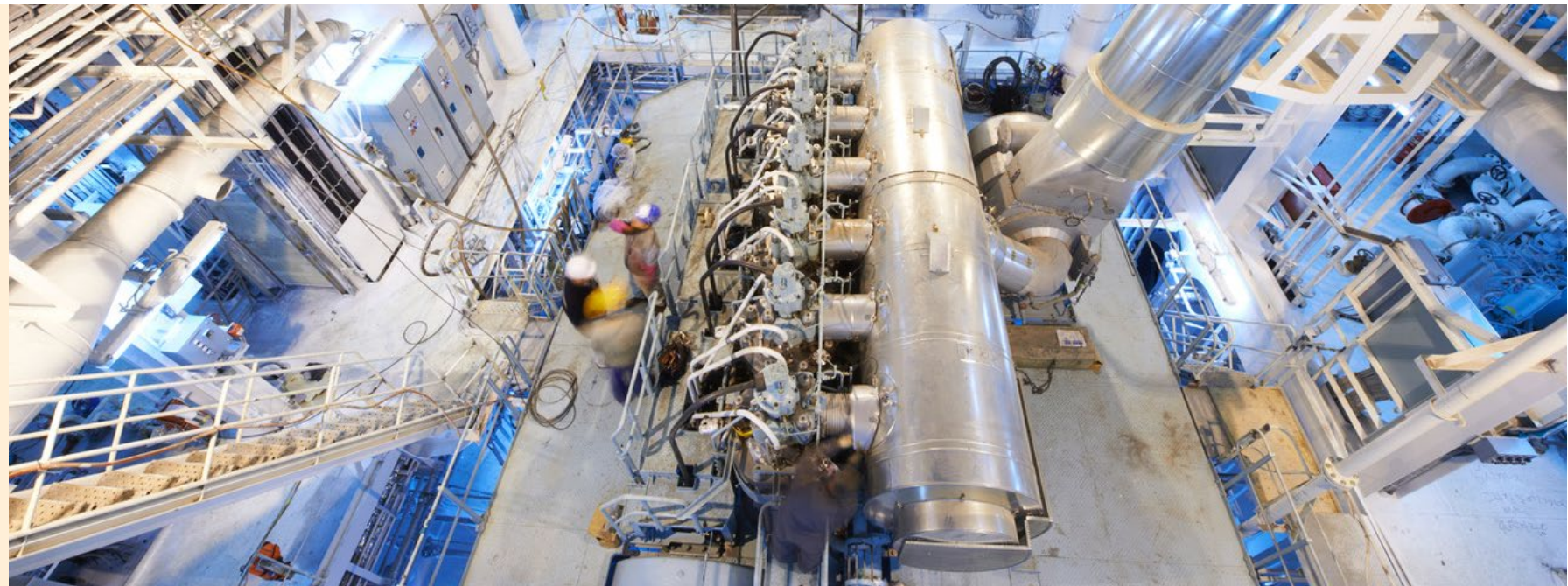
Octamar™ Ultra HF provides the complete solution for VLSFO. It keeps your engine running efficiently by improving fuel blend stability, ignition and combustion as well as reducing soot formation.

All the performance of Octamar™ HF-10 Plus with the additional benefits:

- Combines stability, ignition and combustion benefits in one product.
- Provides cleaner running from powerful additive technology.
- Improves fuel economy and reduced fouling of exhaust gas systems.
- Reduces particulate matter, emissions and CO₂e.
- Reduces exhaust system fouling.

Application

Apply to fuel storage tanks prior to bunkering fuel to achieve the maximum effect.
Enhancing vessel fuel performance, cleaner fuel handling plant, better and more complete fuel burn and efficiency, less fouling in post combustion systems such as turbo chargers, exhaust gas boilers and EGR.



Dosage rate

1:6,000



HIGH SULPHUR FUEL OIL (HSFO)

Improve scrubber efficiency by reducing exhaust particulates when using Octamar™ BT-25 and Octamar™ Complete.
Additives with more than 20 years of proven performance.



Octamar™ BT-25

High impact residual fuel improver



Benefits

- Delivers high performance sludge reduction.
- Perfect for "in-service" fuel tank cleaning.
- Reduces filter blocking.
- Improves compatibility.
- Safer fuel changeover.
- Cleaner separators and fuel tanks.
- Homogeneous fuel for the prevention of purifier issues and better combustion.
- Boosts fuel performance and creates better combustion.

Application

Add via a chemical metering pump or manual dosage into bunker tanks.

Dosage rate

1:15,000 – 1:25,000

Octamar™ Complete

Ground breaking technology for scrubber vessels

Benefits

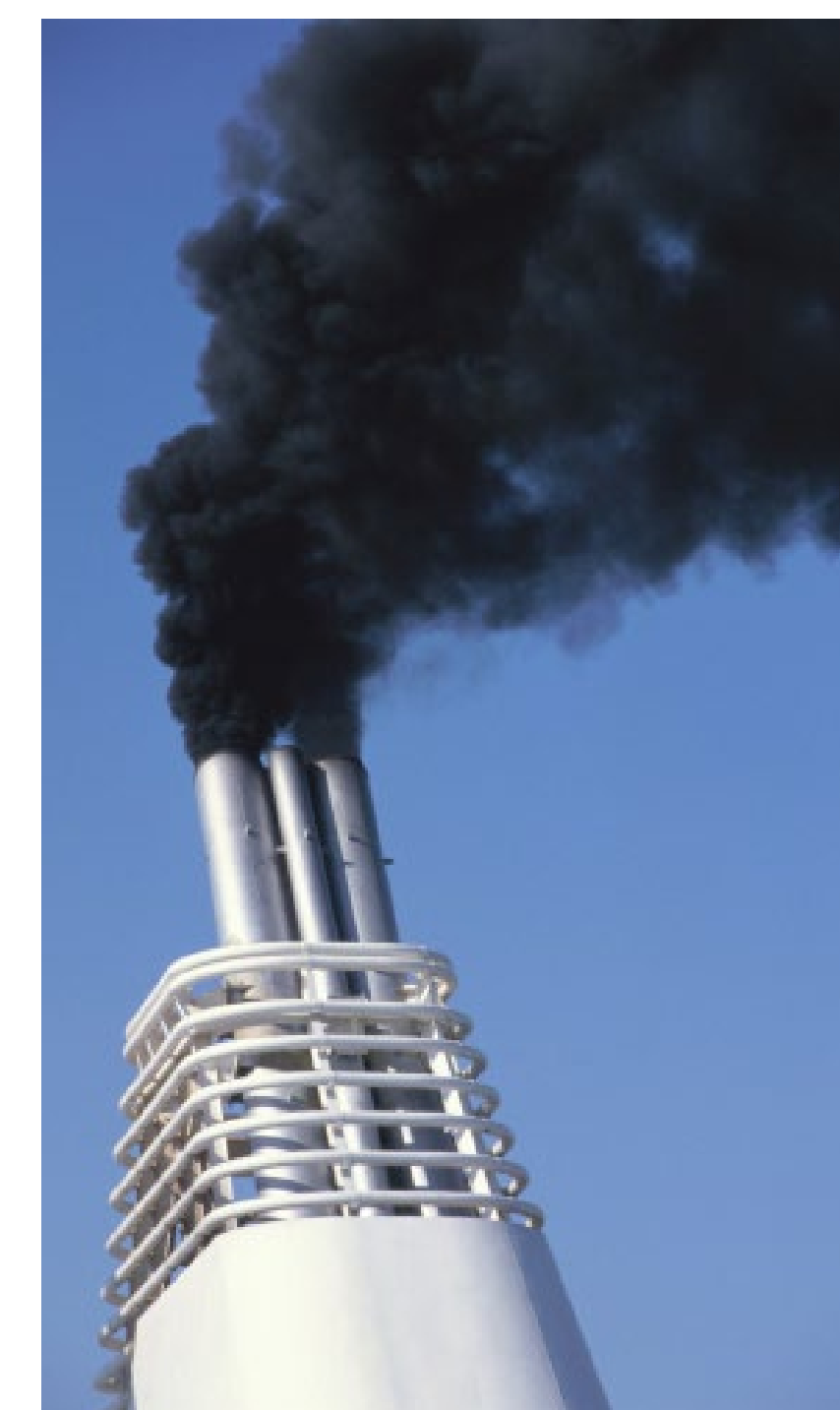
- Optimises energy efficiency.
- Improves ignition and combustion profile.
- Reduces SFOC and CO₂e.
- Reduces particulate matter and black smoke in exhaust gases.
- Reduces exhaust system fouling.
- Enhances fuel stability.
- Reduces sludge production.
- Low impact exhaust system cleaning - soot catalyst.
- Fuel stabiliser for overall performance boost.

Application

Add via a chemical metering pump or manual dosage into bunker tanks.

Dosage rate

1:6,000



DISTILLATE AND ULSFO FUEL

For safe operation and to protect your engine use Octamar™ LI Series and Octamar™ Winterflow. Fuel treatments with proven and verified performance.

Octamar™ LI Series

Tested and verified by Lloyds Register.*

Optimum fuel performance and multifunctional lubricity improvers



[Click to enlarge](#)

Benefits

- Improves fuel lubricity.
- Improves storage stability.
- Reduces injector fouling.
- Improved corrosion resistance.
- Reduced filter blocking.
- Protects engine components – longer fuel injector- and pump life.
- Prevents bacteria growth, proactive protection.

Application

Manual dosage into bunker tanks.

Dosage rate

1:4,000 – 1:10,000



*Octamar™ LI-5 Plus only.

Octamar™ Winterflow

Multifunctional Cold Flow Improver



[Click to enlarge](#)

Benefits

- Protects against wax formation.
- Improves low temperature operability.
- Reduces CFPP (Cold Filter Plugging Point).
- Reduces pour point.
- Keeps fuel pumpable and filterable in cold climate conditions.

Application

Manual dosage into bunker tanks. Note: Must be applied before issues occur.

Dosage rate

1:1,000

