

MARINE FUEL WATCH

The Newsletter for Innospec Fuel Specialties | IMO 2020 Edition



**MARINE
FUEL SPECIALTIES**
Enhancing your fleet performance

Prevent VLSFO Fuel Instability: Act Now

By late 2019, major fuel suppliers began offering IMO 2020-compliant VLSFO. The challenge for ship operators is avoiding compatibility and stability issues. Testing by Innospec shows VLSFOs are highly unstable when mixed, even at small ratios like 10:90. Official advice recommends keeping VLSFO segregated, but this can be difficult for vessels with limited storage. Implementing effective strategies is key to avoiding fuel instability.



Oil majors won't guarantee fuel stability beyond its expiry, leaving ship operators responsible for managing fuel issues, especially when mixed onboard. To address this, Innospec offers two advanced, multi-functional fuel additives designed to protect vessels under real-world conditions.

Octamar™ HF-10 Plus

Enhanced Fuel Stability and Performance

- Improved compatibility with new and mixed fuels
- Safer fuel transitions for Emission Control Areas (ECAs)
- Stable fuel blend ensures better combustion
- Less sludge, more fuel efficiency
- Higher doses prevent injector fouling

Get Ready for Cold Climates



Ships operating in colder climates without heated fuel storage need an efficient way to maintain fuel flow during low temperatures. Octamar™ Winterflow is designed to enhance the cold-weather performance of DMA and DMZ marine distillate fuels.

It improves cold flow properties, lowers pour point, prevents fuel waxing, and reduces the risk of fuel filter blockages. This advanced additive is manually dosed into bunker tanks, ensuring that vessels continue operating smoothly in harsh weather.

Tackle Challenges Posed by Low Sulfur Fuels

Octamar™ LI-5 Plus offers an all-in-one solution for low sulfur marine fuels. It enhances fuel lubricity, reduces corrosion, prevents fouling, and improves fuel stability. **Certified by Lloyd's Register***, it ensures engines maintain optimal performance, while regular use prevents blocked filters and injector fouling. This additive is designed for long-term use, safeguarding the efficiency and health of modern marine engines running on low sulfur fuels.

Lloyds Register certify the performance of this product*



Octamar™ Ultra HF

Comprehensive Solutions for VLSFO

- Combines combustion and ignition improvements in one additive
- Cleaner engines with reduced soot buildup
- better fuel economy and minimized exhaust fouling
- Increased stability and compatibility in fuel blends