MARINE FUEL SPECIALTIES
Enhancing your fleet performance

PRODUCT DATA SHEET

Octamar™ LI-5 Plus

Special Marine Products

Stability and lubricity improver specifically designed for distillate fuels with up to 30% biofuel content.

Product Description

Octamar™ LI-5 Plus is a multifunctional additive designed to enhance the handling, storage, and operational performance of MGO and MDO fuels. It provides effective protection against wear, fouling, and corrosion for fuel systems and equipment, whether distillate fuels are used intermittently or regularly. The ashless formulation does not contribute to particulate or emissions loading and ensures excellent stability for blends containing up to 30% biofuel.

Key benefits have been independently verified by Lloyd's Register Product Verification Service.

Typical Properties

Appearance	Clear amber liquid
Density at 15°C	925 kg/m^3
Flash point	≥61 °C
Viscosity at 40°C	≤25 cSt

Dosage / Directions for Use

The recommended dosage rate is 1 kg Octamar™ LI-5 Plus per 4 tonnes fuel, or approximately 1 litre per 4 tonnes of fuel. Alternative dosages may be recommended based on fuel quality or operational conditions.

Innospec personnel are always available to assess your specific problems and advise suitable product(s) and dosage program.

Application

Manually dose Octamar™ LI-5 Plus directly into storage or bunker tanks before or during each bunkering, OR into the settling tank before or during each filling.

Optionally, a chemical metering pump can be used for in-line dosing.

Storage & Handling on board

Store away from heat, sparks and open flame. Always carefully read the Material Safety Data Sheet before use.

Pack Sizes

Octamar™ LI-5 Plus is supplied in 25L non-returnable steel pails.

Benefits

- Enhances oxidation and thermal stability, supporting extended storage—even with up to 30% biofuel blends.
- Minimizes injector fouling and filter blocking risks.
- Improves corrosion protection and fuel lubricity, reducing wear on pumps and injection equipment.
- Proven effectiveness in independent, in-house, and industrial tests (HFRR, Bosch).
- Fully compatible with engine and system materials; no adverse effects on fuels or lubricants.

CERTIFIED LR PRODUCT VERIFICATION SCHEME

Performance independently validated by Lloyd's Register:

→ Oxidation Stability (ISO 12205)
→ Thermal Stability (ASTM D6468)
→ Injector Fouling (CEC F-23-01 Peugeot XUD9)
→ Steel Corrosion (ASTM D665A&B)
→ Fuel Lubricity (HFRR – ISO12156)
→ Filter Blocking Tendency (IP387)

Innospec's Sustainability Program

Enables increased use of bio and renewable fuels.

Prolongs lifetime of equipment.

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

Innospec holds a Gold EcoVadis medal.

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Octamar™ LI-5 Plus

Special Marine Products

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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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