MARINE FUEL SPECIALTIES
Enhancing your fleet performance

PRODUCT DATA SHEET

Octamar™ LI 5

Special Marine Products

Lubricity improver for low-sulfur distillate fuels, delivering wear and corrosion protection without increasing emissions.

Product Description

Octamar™ LI 5 is designed to enhance the lubricity of MGO and MDO fuels, particularly low-sulfur distillate fuel oils with poor lubricity characteristics. Octamar™ LI 5 helps protect fuel systems and engine components against wear and corrosion, whether distillate fuels are used intermittently or on a regular basis.

This ashless formulation ensures no contribution to particulate matter or emissions loading, supporting cleaner operation. The product's primary benefit – fuel lubricity improvement – has been independently verified by Lloyd's Register Product Verification Service.

Typical Properties

Appearance	Clear amber liquid
Density at 15°C	910 kg/m^3
Flash point	≥ 61 °C
Viscosity at 40°C	≤ 25 cST

Dosage / Directions for Use

The recommended dosage rate of Octamar™ LI 5 is 1:10,000 (1 kg Octamar™ LI 5 per 10 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 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. Please ensure the product is always stored at temperatures above -3 °C.

If the product is accidentally stored at temperatures below -5 °C, crystallization may occur. If this happens, keep the product at room temperature (above 0 °C) for 24 hours, then agitate by shaking the pail or rolling the drum to restore usability.

Pack Sizes

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

Benefits

- Improves fuel lubricity, reducing wear in critical components.
- Enhanced protection against corrosion for fuel systems and equipment.
- Proven performance through independent, in-house, and industrial tests (HFRR and Bosch).
- No harm tests confirm compatibility with fuels, lubricants, and engine/system materials.
- ISO 9001 & 14001 certified by DNV
- Listed as grade C in the MIL-PRF-32490A list and therefore approved for F-76 Naval fuel.
- Verified by Lloyd´s Register PVS: Octamar™ LI 5 improves Fuel Lubricity according to HFRR ISO12156

CERTIFIED LR PRODUCT VERIFICATION SCHEME

Innospec's Sustainability Program

Prolongs lifetime of equipment.

Enables increased use of bio and renewable fuels.

Supply chain and logistics efficiency support the reduction of GHG emissions.

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Octamar™ LI 5

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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