



## **Xmile: A Sustainable Fuel Additive for the Maritime Industry**

### **Xmile: Unleashing the Power of Enzyme Technology**

Xmile is a biological fuel additive based on enzyme technology.

Fuels contain many unsaturated molecules. These molecules are formed when crude oil is refined into diesel, gasoline, Heavy fuel oil etc.

Due to a large amount of these reactive unsaturated molecules the combustion in the engine is not optimal. Our enzyme technology reduces the intermolecular forces between the unsaturated molecules. Due to these decreased forces a full combustion is achieved providing multiple advantages to the maritime industry.

#### **Key benefits of using Xmile:**

1. 7% fuel savings,
2. 7% reduction in CO<sub>2</sub> and NO<sub>x</sub> emissions,
3. 35% decrease in particulate matter levels for improved air quality,
4. Enhanced fuel stability to deliver improved performance,
5. Reduced engine and boiler maintenance costs,
6. Cost-Effective (ROI >300%),
7. Dosing 1:10.000.
8. Improved thermodynamics

A [2-minute animation video](#) simplifies Xmile's complex technology and processes.

#### **Experiences and Certifications**

The claims we make are not only supported by various internationally respected test organizations such as [SGS](#), [Intertek](#) and [TUV SUD Automovilidad](#), but also by many satisfied customers we have served since 2005. Please check our [client testimonial video](#) for examples.

#### **Xmile - your partner in complying to CII regulations**

The International Maritime Organization (IMO) introduced the Carbon Intensity Indicator (CII) regulations to reduce the maritime industry's carbon footprint. Xmile helps the maritime industry to comply with CII regulations. By improving combustion efficiency and reducing fuel consumption by up to 7%, Xmile lowers CO<sub>2</sub> emissions per transport work and enhances a vessel's CII rating/classification. This provides the user of Xmile with the benefit of not having to reduce speed or take other inconvenient measures to reduce GHG. The reduction in NO<sub>x</sub> emissions and particulate matter aligns with IMO's broader environmental objectives.

Xmile helps the maritime industry to address CII challenges, maintain competitiveness, and demonstrate commitment to environmental stewardship and regulatory compliance.

#### **Make a Difference Today**

Xmile provides a groundbreaking fuel additive solution, allowing the maritime industry to operate sustainably while reducing operational costs. Adopting Xmile helps companies contribute to a cleaner environment and align with global emissions reduction goals. Feel free to contact us at [info@xmile.com](mailto:info@xmile.com). Or call +31 85 0654 774