

FuelOpt™

Automated & Direct Fuel Saving



LEAN MARINE

An 'On-Top' propulsion automation system assures optimized fuel economy for new or existing vessels.



Automation made simple

With FuelOpt™, the bridge crew gets full control of speed and consumption.

Activate

Set required values

FuelOpt™ contributes to ship performance optimization regardless of vessel type or size, propulsion type or energy source.



Real-time optimization of operational efficiency



Digitalization : Vessel data transmission in real-time



Direct fuel savings up to 15%



AI ready : precise execution of AI-command from other sources



Up to 15% emissions reduction



Easy integration : No off-hire time needed



Cost efficient: <1 year ROI



Easy-to-use interface : No long training required

"When the crew sets the required values in FuelOpt™, it follows precisely our orders and does it for cheaper."

Besides, FuelOpt™ has access to more pitch on the propeller than we can set manually. We save a lot of fuel."

Captain Svein Ove Trondsen
COLOR MAGIC, COLOR LINE

www.leanmarine.com

For more information, visit the FuelOpt™ webpage:

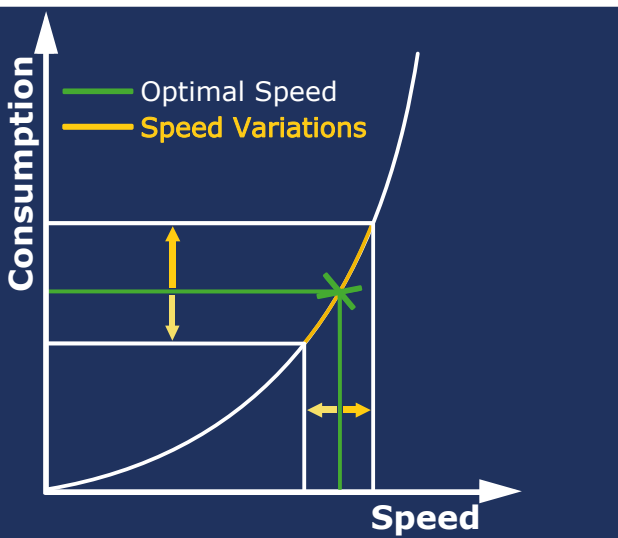




How FuelOpt™ saves fuel in real-time

Provides direct speed and consumption management for fixed and controllable pitch propellers

Once the crew sets commands for power, speed or fuel consumption or a combination thereof, FuelOpt™ achieves stable and predictable speed, and consumption, via automated propulsive power control.

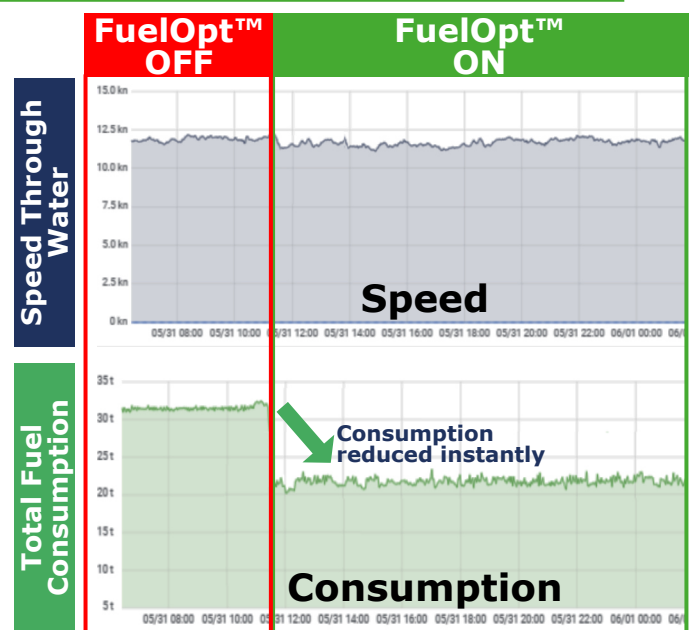


- ➔ Precise and real-time regulation of operational setpoints
- ➔ Responsive and automatically adapts to changing environmental conditions
- ➔ Avoids costly speed and power variations caused by human factors
- ➔ Prevents overconsumption of fuel in harsh conditions

Acts as a dynamic tuning system for propulsion machinery for controllable pitch propellers

FuelOpt™ regulates propeller pitch and engine RPM separately to produce the maximum amount of propeller thrust with minimum amount of power.

- ➔ Increases propeller thrust per kW
- ➔ Ensures that the engine and propeller operate at optimal conditions
- ➔ Minimizes the energy wastage
- ➔ Adds an extra layer of operational safety by avoiding risk of overload on the engine system and propulsion line



Request a demo: sales@leanmarine.com

