

Auramarine launches a safe and controlled fuel changeover solution

Auramarine, the leading provider of critical fuel supply and handling solutions, launches Auramarine FuelSafe™, an advanced solution for accurate fuel temperature and viscosity control throughout the fuel changeover process.

(TURKU, Finland, 05.12.2017) - Fuel changeover when entering or exiting emission control areas is a complex and time-sensitive process. A number of challenges come from the fact that heavy fuel oil and low sulphur fuels have very different properties. In Auramarine's solution, the process is initiated from the fuel selector and steered automatically by sensors providing real time data to keep the properties in control at all times.

"Each vessel has different specifications, and we find it essential that the fuel changeover system is designed accordingly with the necessary range of features to ensure a safe and reliable changeover process", says **Ole Skatka Jensen**, Chief Executive Officer at Auramarine.

The key of a successful fuel changeover is to stabilise the fuel viscosity by utilising controlled heating or cooling to compensate the temperature difference, up to 100°C. The viscosity should not drop below 2cSt or exceed the limit specified for the engine. At the same time, the temperature change at engine inlet cannot be higher than 2°C/minute to protect the fuel system equipment from thermal shock.

"The need for this solution emerged from the demand for urgent troubleshooting and repair due to loss of performance, fuel injection failures, the sticking of fuel pumps, malfunctions caused by thermal stress or even machinery seizure during changeover. A controlled changeover process will assist in preventing such malfunctions, machinery wear and downtime. Our goal was to convert this complex process into a simple and safe task for the operator", explains **Ville Kaataja**, Product Manager at Auramarine.

"The Auramarine FuelSafe™ solution is a result of our pursuit for a better understanding of the customer's needs and challenges", concludes **Ole Skatka Jensen**. The value of FuelSafe™ comes from a controlled, cost-efficient and predictable changeover process that is easy to operate. The solution is available for newbuildings, upgrades and retrofits.

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About Auramarine:

Auramarine is a globally recognised leading provider of fuel supply and handling solutions for marine and offshore shipowners and operators, shipyards and engine manufacturers. The company's heavy fuel oil supply units and marine gas oil handling systems deliver operational efficiency, safety and reliability throughout their lifetimes. Auramarine's representative network serves customers in 25 countries. More information: www.auramarine.com