Mediterranean Sea
Expected impact of ECA changes

FUEL EFFICIENCY | DECARBONISATION | OPERABILITY

WHAT IS THE CHANGE AND WHY?

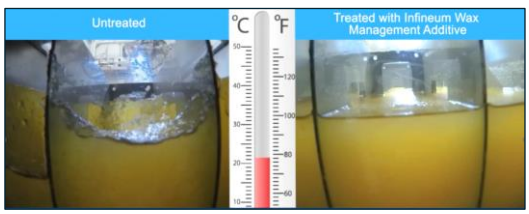
As of May 1, 2025, the Mediterranean Sea will become an Emission Control Area (ECA) for sulphur oxides (SOx) under MARPOL Annex VI Regulation 14. This mandates that the sulphur content of fuel used on board ships must not exceed 0.10%, unless an exhaust gas cleaning system (EGCS) is used to achieve equivalent SOx emission levels. This change aims to reduce air pollution in the Mediterranean region, benefiting human health and the environment.

IMPACT ON FUEL QUALITY

The change is anticipated to drive increased use of marine gas oil (**MGO**) and potentially vacuum gas oil (**VGO**), as most very low sulphur fuel oil (VLSFO) will no longer meet the stringent requirements. VGO is a viable option due to its low sulphur nature. However, VGO typically requires **pour point depressants (PPD)** to ensure its stability during transport, storage, and usage. Mixing MGO or VGO with VLSFOs in tanks could lead to sludging, necessitating **advanced sludge management** technology.

INFINEUM'S ADDITIVES SOLUTIONS

Infineum is at the forefront of this transition with its **advanced fuel additives**, designed to enhance the stability and performance of fuel blends. Our cutting-edge additives prevent wax formation and asphaltene precipitation, preventing issues such as pour point problems, filter blocking and sedimentation.



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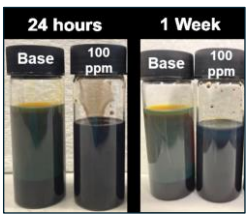

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With a proven track record in fuel additive solutions, Infineum is ready to support refiners, traders and shippers in meeting the new ECA requirements.

Infineum provides powerful additive technology for your ECA fuel needs. Depending on fuel type, 1L typically doses between 2MT and 40MT.

For more detailed information and the latest market or technology updates view **Infineum Insight**.

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