

DIRECT INJECTION GCMS SCREENING

In-depth insight and expertise into underlying fuel issues

The Direct Injection GCMS Screening program provides a unique analysis tool offering the full benefit of a Direct Injection GCMS technique without incurring a significant delay in supplying results. Providing clients with in-depth insight into potential contaminant issues with fast turnaround times.



Direct injection GCMS screening

The march of legislative reform is something the bunkering industry has become all too familiar with in recent years, however this does not stop it providing fuel purchasers with a variety of new and unusual challenges.

In an attempt to comply with changing emission regulations, fuel suppliers are constantly looking at making greater quantities of compliant product available for purchasers. This, in turn, can mean that fuel buyers are faced with a wide range of "new and different" fuels in an ever expanding supply chain.

Past experience has shown, as legislative restrictions grow ever tighter, the range of issues with the quality of fuels available for purchase grows ever wider. Looking specifically towards 2020 and the introduction of the 0.50% m/m Sulphur limit, the industry looks set to see another influx of blended fuels that could provide similar challenges to those seen when the 1.00% m/m Sulphur limit was introduced in 2010. Intensive blending provides an opportunity for unregulated blend/cutter stocks to pass into the marine pool which has been proven to be detrimental to fuel quality in the past. Given the issues experienced by operators previously and the potential for increased use as a result of the new legislative requirements, the identification of potential problem components becomes all the more

important for purchasers in looking to protect their assets.

The solution

In looking to augment the already extensive portfolio of forensic analysis techniques offered, and following in the footsteps of the original fast Chemical Screening Service pioneered by Lintec Testing Services Ltd, Intertek Lintec can now provide a fast screening GCMS tool that not only supports existing screening capabilities but also significantly extends the scope of their capabilities.

The Direct Injection GCMS Screening program is a unique analysis tool, in that it offers the full benefit of a Direct Injection GCMS technique without incurring a significant delay in supplying the results to Intertek Lintec clients.

This new technique offers an in-depth insight into potential underlying issues, can be carried out in a much shorter time frame (along-side the standard suite of ISO 8217 tests) and can identify a wide range of potential contaminants that would only usually be visible when using a much more intensive GCMS analytical suite of tests.

Problem fuels

The spate of problem fuels seen during Q2 and Q3 of 2018 from ports in and around the US Gulf Coast, Panama and the Far East has further highlighted the urgent need for additional investigative capabilities in looking to support fuel purchasers.

Whilst the future of the bunkering industry may still be unclear, Intertek Lintec is taking huge strides in offering their clients a degree of certainty and reassurance through all facets of its investigative services.

FOR MORE INFORMATION



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