Correlation of OMMICA™ with Gas Chromatography for methanol in oil

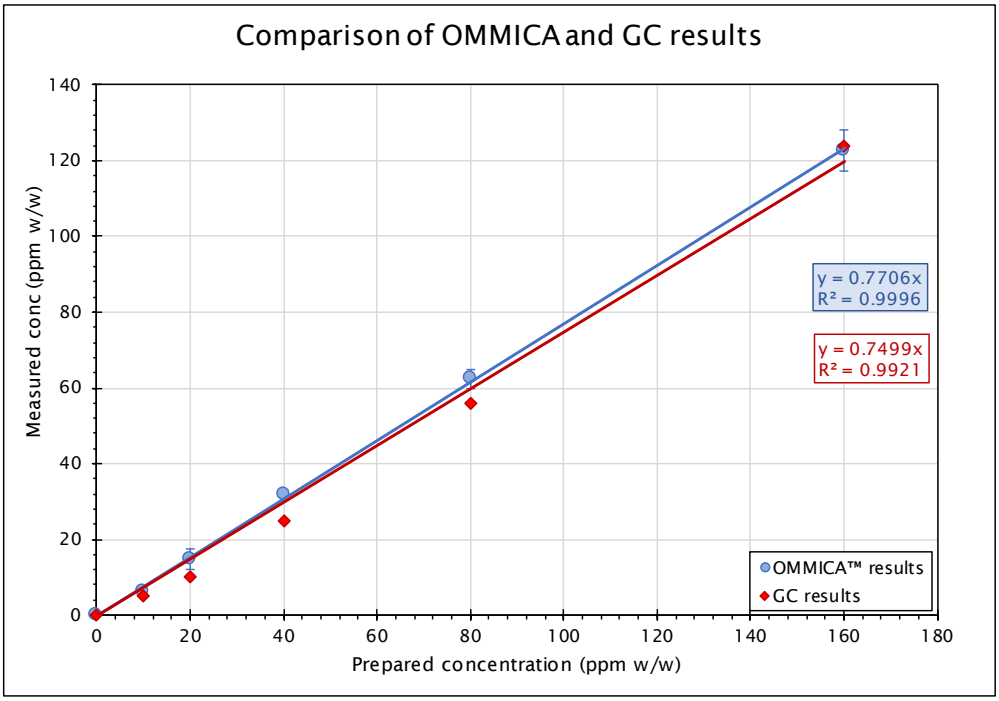
LUX Assure's OMMICA™ method for measuring methanol in oil was compared to gas chromatography (GC) by a third party laboratory. The results demonstrate the accuracy of OMMICA™, providing clients with confidence to adopt the method for their operations.

Testing

Samples of oil containing concentrations of between 0 and 160 ppm methanol were prepared. These samples were then split into two aliquots and analysed using OMMICA™ and GC, in parallel, in the same lab, thereby minimising any potential differences. Each sample was tested in duplicate to reduce the likelihood of anomalous results.

Results

The graph below shows that results obtained using OMMICA™ correlate very closely with the results obtained using GC. Both methods give results very close to the prepared spiked concentrations of methanol in oil.



User Benefits

OMMICA™ testing requires no lengthy calibration or set up, multiple tests can be undertaken and results are produced in under 1 hour. OMMICA™ can also be used on-site, on or offshore. With a lower CAPEX and OPEX than GC, and proven, accurate results, clients can feel confident in their choice of OMMICA™ for methanol in oil analysis, whether as a supplementary method to GC or as a standalone analysis tool.

OMMICA™

Simple on-site analysis of MEG and methanol

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