

## SUCCESSFUL APPLICATION

### Caisson environmental investigation using OMMICA™

#### BACKGROUND

Recently a client contacted us, as they had a suspicion that a significant amount of methanol had leaked into an oil installation caisson. High levels of methanol concentration can be corrosive to the steel caisson and therefore a fast accurate method to determine how much methanol was in the caisson fluid was required. The caisson contained a mixture of potable water and 500ppm amine based corrosion inhibitor.



Traditional methods of analysis require a sample to be shipped back to a lab for testing, adding delay to the results. OMMICA™ gives an accurate methanol concentration in less than an hour. Because of the fast result, OMMICA™ was chosen by the client to test the caisson fluid.

#### SOLUTION

Due to the accuracy of the OMMICA™ test, even in the presence of a high concentration of corrosion inhibitor, it was established after testing that there was only 10ppm methanol in the caisson fluid, proving the methanol had not found its way into the caisson.

A sample was sent onshore for a backup lab test using GC and the result echoed the OMMICA™ method. The client had the confidence to make decisions based on the initial OMMICA™ result and significant time was saved in confirming the levels of methanol.

