

7 March 2011

# **PetroSense Technical Alert**

## **Cleaning Solution For Moderately Contaminated Probes**

In the appendix sections of our DHP-100/485 probes and PHA instrument manuals there is a section on cleaning the probes during various stages of contamination (Mild, Moderate and Heavily contaminated).

The instructions for Mild and Heavily contaminated probes remains the same. Please read the instructions and follow them closely.

This note covers the section on moderately contaminated probes. The manual states using an automotive windshield cleaning solution containing 28% methanol, for use in colder climates, as a cleaning solvent. This statement is correct, however it has come to our attention that this solution containing 28% methanol is becoming very hard to procure.

**There are windshield-cleaning solutions on the market that contain ethanol, ethylene glycol and citrus based degreasers. These solutions should not be used to clean our hydrocarbon sensors.** Our laboratory tests have found that these solutions have an adverse effect on the response time of our sensors, delaying accurate readings significantly.

We recommend that a solution of 50% methanol and 50% water be used where commercial windshield containing 28% methanol is unavailable.

**Methanol has a high toxicity in humans, please read the MSDS safety information and take the necessary precautions before using this product.**

*If you have any questions or require additional information please contact us at [info@petrosense.com](mailto:info@petrosense.com) or call 214 483 1003.*