

**C-Dye** has greater detection properties than *any other dye* when used with **OceanSENSE** ROV-mounted or diver-held systems.



## Overview

**OceanTools C-Dye** possesses excellent environmental credentials. It is OCNS registered with CEFAS in the UK and the Netherlands, under 'Gold with no substitutable components' classification. It holds 'Yellow 1' classification in Norway, and has been successfully EPA/OSHA tested for use in the US. Few other dyes meet this very high level of environmental acceptance.

**C-Dye** is compatible with:

- Seawater
- Fresh water
- MEG/water mixtures
- Water-based production control fluids
- Water-based umbilical storage fluids

**C-Dye** suggested dosages with **OceanSENSE**:

- Water : 200ppm or 0.02%.
- Control fluids : 250ppm or 0.025%.
- Cement : 0.33gal/bbl or 1.25l/bbl or 0.8%.

**C-Dye** is offered in a choice of either:

- 1 litre bottles
- 25 litre kegs
- 1000 litre IBCs

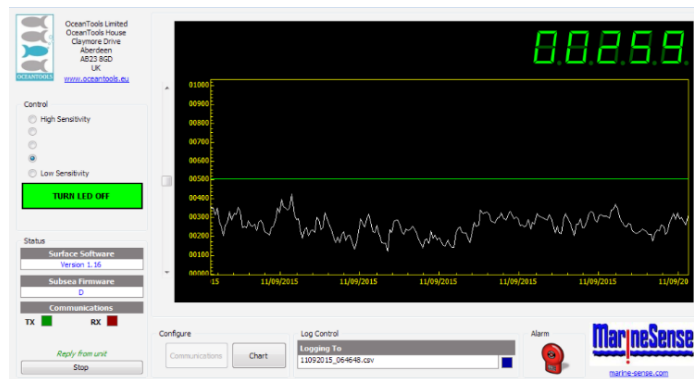
Specifications	
Appearance	Dark Red Liquid
Pour point	<-15°C
Specific gravity	1.04
Viscosity at 20°C	2.5cSt
Excitation wavelength	530nm
Emission wavelength	575nm
Water solubility	Soluble
Oil solubility	Insoluble

## OceanSENSE

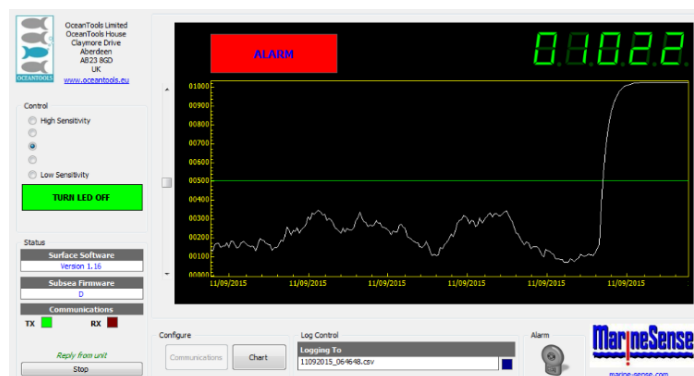
**C-Dye** has been specially formulated to give outstanding results when used with the market-leading **OceanSENSE** dye detection systems, as shown below. It has been designed for the tracing of leaks in a variety of subsea environments including pipelines, risers and subsea control systems.



No cement



Cement detected



**C-Dye** may be added directly to the cement or seawater spacer during cementing operations, or even a barite spacer if the dye concentration is increased. It should **NOT** be added to spacers containing bentonitic materials, as they cloak the dye.

At a dilution ratio of 0.02%/200ppm, **OceanSENSE** has a detection capability of 4ppb (parts per billion) when deployed with **OceanTools C-Dye**.