



OceanTools

C-Dye 530

Subsea Rhodamine Leak Tracing Dye

C-Dye 530 has been specially formulated to give outstanding results detecting leaks around subsea infrastructure.



Overview

C-Dye 530 has been designed for the tracing of leaks in a variety of subsea environments including pipelines, risers and subsea control systems. It may be added directly to the cement or seawater spacer during cementing operations, excluding spacers containing bentonitic materials.

The dye possesses excellent environmental credentials. **C-Dye 530** is registered with CEFAS in the UK (OCNS Class E) and the Netherlands (HMCS Pre-screening Category R) with no substitution warning. It holds 'Yellow' classification in Norway, is registered for use in Denmark, and has also been successfully EPA/OSHA tested for use in the US. Few other dyes meet this very high level of environmental acceptance.

C-Dye 530 is compatible with:

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

C-Dye 530 suggested dosages:

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

C-Dye 530 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

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

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