

FLUORESCENT LEAK TESTING



TOMTEC NDT MARINE SERVICES PTE LTD

FLUORESCENT LEAK TESTING (FLT) is a most effective method of detecting fluid leaks in industrial systems. FLT works best in enclosed circulatory system where fluids such as lubrications, hydraulics and cooling water are used in the system.

Simply add a small amount of the fluorescent dye into the system and allow it to circulate. Wherever the fluid escape from the system, so does the dye, which will remain at the site of leak. When inspecting the system with a high-intensity Ultraviolet Light, the dye will glow to bright yellowish -green which indicates the exact location of the leak.



FLT is commonly use in heat exchanger tanks, hydraulic system, pipelines and generator engines.

Advantages

- ✓ Economical and portable
- ✓ The method requires no great skill and easy to understand
- ✓ Ability to identify exact location of the leakage
- ✓ Does not necessary require power supply

At TOMTEC, we ensure that all our technicians are competent and certified to internationally recognized standards. TOMTEC performs Fluorescent Leak Testing to provide you with an accurate assessment of the condition of your assets.



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