



FLT-65 is a Liquid Hydrocarbon base product specifically designed to be used as a fluorescent type leak detection fluid to look for through leaks in welded tanks and containers.

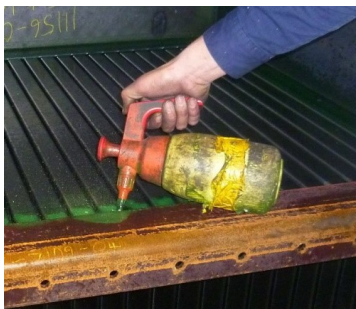
To be used by the brush or spray on method of application, the leak detection is applied to one side of the welded joint (must be oil free) and then the other side is observed by UV light. Unlike conventional penetrants, FLT-65 acts quickly (usually less than 2 minutes) and it dries quickly leaving very little residue.

It is formulated so as to evaporate at a relatively fast rate, and leave the surface under test in a much cleaner state than would be the case with a standard fluorescent dye Penetrant type of material requiring a considerable amount of post cleaning following the leak test; whereas in most cases FLT-65 only needs to be allowed to evaporate, and therefore no post cleaning is required. FLT-65 contains a Level 3 Penetrant, with level 4 being the most sensitive available.

It can be used inside transformer tanks and does not need to be thoroughly cleaned as it has no effect on the dielectric characteristics of the transformer oil.

METHOD OF USE:

The product can be brushed, or sprayed on. Following application to one side only of the component being leak tested, it is then scanned by a UV lamp on the opposite side to which the product has been applied. This UV lamp scan should be carried out in darkened conditions with no more than 20 Lux of White Light Illumination. Five to ten minutes should elapse between application of the FLT-65 and viewing for indications of weld porosity or leakage.





Fluorescent Leak Detection

FLT-65 Leak Test Fluid

SAFETY CONSIDERATIONS:

Ensure no fumes remain inside vessels before attempting to re-weld. The product is HIGHLY FLAMMABLE. KEEP DRUM CLOSED, STORE IN A FLAMEPROOF AREA, DO NOT INHALE FUMES, WEAR AN EFFECTIVE MASK DURING USE. DO NOT ALLOW SMOKING near or during use, and DO NOT ALLOW NAKED FLAME, OR HEAT NEAR THE AREA OF USE. If the product is used in an enclosed space, ensure that persons have adequate ventilation and fumes are removed from enclosed space by positive displacement with air following testing.

RFS also has a range of [UV Torches and lamps](#) for NDT.



Russell Fraser Sales manufactures CrackTest® consumables for Non-Destructive Testing (NDT) right here in Australia. CrackTest magnetic particle testing consumables are of the highest quality and are available directly from our Sydney warehouse or from one of our stockists located around the country. CrackTest consistently out-performs the competition in terms of coverage, effectiveness and price-performance.



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