



PAVIQUA SAS
1713, route de Robion
84300 CAVAILLON
FRANCE

Tel: +33 (0)4 86 69 63 72
Fax: +33 (0)8 21 48 92 85
Mail: contact@fluotechnik.com

Technical File DETECT + YELLOW UV OIL

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1 – PRODUCT DESCRIPTION

Commercial name	DETECT + YELLOW UV OIL
Format	Dark red liquid
Applicable standards	TSCA, DSL, REACH (pre-registered), AICS, PICCS, ENCS, KECL, IECSC
Packaging	50ml and 90ml bottles, 50ml and 90ml syringes, 1 litre cans, 17.5 litre and 193 litre barrels.

2 – APPLICABLE USES AND BENEFITS

DETECT + YELLOW UV OIL is a coloured tracer dye specially developed for detecting leaks from closed-loop systems that use oil-based or petroleum fractions such as gasoil, petrol, etc.

The concentrated formula means that a dosage of only 400-700 ppm is needed for machine oil, mineral and naphthenic oil, and for petroleum fractions such as gasoil, petrol, etc.

Leak detection is carried out using a 365nm UV lamp. For greater contrast and ideal eye protection against UV rays, protective goggles should be worn.

BENEFITS:

The concentrated formula enables rapid and effective detection with an optimal dosage. Easy to use and handle. Eliminates the problem of dust in comparison to other powder tracers. Disperses rapidly and evenly within minutes.

Several packaging formats are available (syringes are made only on request, please contact us if required).

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3 – INSTRUCTIONS FOR USE:

Add the dye at a concentration of 400-700ppm to machine oil (40ml to 70ml of dye for 100 litres of oil) in a mixing container.

A dosage of 0.1% (100ml of dye for 100 litres of oil) provides the best contrast and makes it possible to work with dirty oils.

Inject the mix into the machine circuit. Leave the machine on for 5-10 minutes for the dye to circulate through the entire circuit. Any oil leaks from the machine will show up as bright fluorescent yellow (see Figure 1).

Figure 1 DETECT + YELLOW UV OIL



The guidelines contained in this brochure are provided for information purposes only, and are based on our latest knowledge.

It is the responsibility of the product user to determine the suitability of this product in terms of its formulation and conditions of use before using it on a larger scale.

This information does not in any way constitute a guarantee and we accept no responsibility for the information contained in this document.