

FLUXO 8703

Oil-Based Fluorescent Penetrant - Sensitivity Level 3

General Appearance & Composition

- Water Washable Fluorescent Penetrant - Method A/C - Type 1 - Level 3 according to EN ISO 3452
- Bright and sharp indication with low level of fluorescent background / excellent stability
- **FLUXO 8703** is a stable solution of petroleum distillates, non-ionic surfactants and fluorescent dyes. **FLUXO 8703** doesn't contain water.
- Processing Temperature: 0° to 50°C
- Associated products:
 - Cleaner: **FLUXO S190** and **FLUXO N150**
 - Dry Developer: **FLUXO RD1**
 - Solvent Based Developer: **FLUXO R175**
- Manufacturer: SREM TECHNOLOGIES

Approval & Specifications

- Sensitivity Level 3 according EN ISO 3452-2
- EN ISO 3452-2 EN ISO 3452-6
- RCC-M Code
- ASME - Boiler and Pressure Vessel Code - Section V
- ASTM E 1417 - ASTM E 165
- Low in Sulphur & Halogens (< 200ppm)
- SAE - QPL- AMS 2644 - Type 1 - Method A/C - Level 3
- SAFRAN - Pr-5000
- AIRBUS - AITM6-1001 - *Penetrant Inspection*
- BOEING - BBS7039 - *Liquid Penetrant Inspection*
- DASSAULT AVIATION - DGQT 1.0.12.0020
- ROLLS ROYCE - RRP 58003
- AIRBUS Helicopters - EI070 09-023



Properties

- Aspect: Fluorescent Yellow Liquid
- Density (20°C): 0.90 Viscosity: 8-9 mm²/s (40°C)
- Flash Point: > 100°C
- Compatible with any metal & many synthetic materials

Instructions for Use

- **Cleaning:** Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- **Application of Penetrant:** Apply **FLUXO 8703**: Application by immersion, spraying, brushing, dipping, electrostatic spraying etc... Allow to penetrate for at least 10 minutes.
- **Removal:** Remove the excess penetrant from the surface under UV Light, with water. If you can't or don't want to use water, remove the excess penetrant with solvent **FLUXO S190** or **FLUXO N150**.
- **Drying:** Begin drying procedure immediately after water wash.
- **Developing:** Apply **FLUXO** developer on the part, achieving a thin and uniform layer.
- **Inspection:** Parts shall be inspected under UV light as per ISO 3059 standard requirements. Surface defects will appear as fluorescent indication.

Shelf Life

- Minimum of 5 years, stored at room temperature.
- Please refer to the Safety Data Sheet

Pack Sizes

- Drum 5L - 20L - 200L - 1000L - Aerosol Can 300mL

Version: 11/2024