

FLUXO P501

Water Based Fluorescent Penetrant - Sensitivity Level 1

General Appearance & Composition

- Water Based Fluorescent Penetrant
- Method A/C - Type 1 - Level 1 according to EN ISO 3452
- Bright and sharp indication with low level of fluorescent background / excellent stability
- **FLUXO P501** is a stable solution of nonionic surfactants and fluorescent dyes in water.
- Processing Temperature: 0° to 50° C
- Associated products:
Cleaner: **FLUXO S190** Dry Developer: **FLUXO RD1** Solvent Based Developer: **FLUXO R175**
- Manufacturer: **SREM TECHNOLOGIES**

Approval & Specifications

- Sensitivity Level 1 according EN ISO 3452-2
- EN ISO 3452-2
- RCC-M Code
- ASME - Boiler and Pressure Vessel Code - Section V
- ASTM E 1417 - ASTM E 165
- Excellent self-developing properties: **FLUXO P501** can be used without developer.

Properties

- Aspect: Fluorescent Yellow Liquid
- Density (20°C): 1.00
- Flash Point: not applicable
- Viscosity: 8.5 mm²/s (40°C)
- Compatible with any metal & many synthetic materials

Health and Safety Advantages

- Free from petroleum distillates / Free from COV / Free from butyl-di-glycol.
- **FLUXO P501** is **Biodegradable** - Passes OECD test for ready biodegradability. Biodegradation: > 80 %
- Minimal environmental, occupational health and safety impact.
- NOT FLAMMABLE / NO ODOR / NOT NOCIVE

Instructions for Use

- **Cleaning:** Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- **Application of Penetrant:** Apply **FLUXO P501**: 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**.
- **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 10L - 200L - 1000L



Version: 09/2021