



FLUXO B12

Water Washable Fluorescent Penetrant - BIODEGRADABLE - Level 2

General Appearance & Composition

- Water Washable Fluorescent Penetrant
- Method A/C - Type 1 - Level 2 according to EN ISO 3452
- Bright and sharp indication with low level of fluorescent background / excellent stability
- **FLUXO B12** is a stable solution of biodegradable solvent, nonionic surfactants and fluorescent dyes.
- 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 2 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
- Low in Sulphur & Halogens (< 200ppm)
- Excellent self-developing properties: **FLUXO B12** can be used without developer.

Properties

- Aspect: Fluorescent Yellow Liquid
- Density (20°C): 0.975
- Flash Point: > 100° C
- Viscosity: 9 mm²/s (40° C)
- Compatible with any metal & many synthetic materials
- Low viscosity: First biodegradable penetrant with low viscosity (unlike conventional biodegradable penetrants which have a high viscosity). A low viscosity allows little penetrant consumption thanks to a high rate of product recovery during draining.

Health and Safety Advantages

- Free from petroleum distillates / Free from COV / Free from butyl-di-glycol.
- **FLUXO B12** is **Biodegradable** - Passes OECD test for ready biodegradability. Biodegradation: > 80 %
- Waste treatment and disposal costs are reduced - discharge waste process water directly into the sewage system (depending on local regulation).
- 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 B12:** 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

Aerosol Can 500mL / Drum 5L - 25L - 200L - 1000L



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