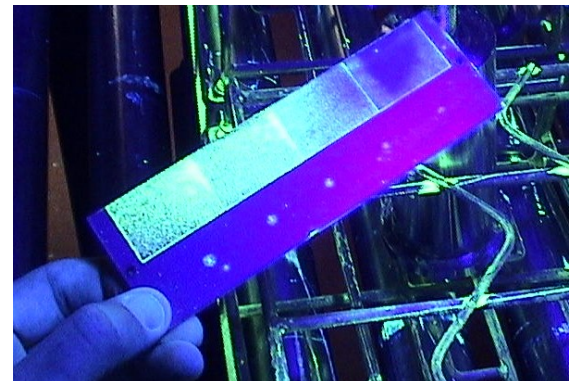


FLUXO E10

Hydrophilic Emulsifier for Post Emulsifiable Penetrant Process

General Appearance & Composition

- Hydrophilic Emulsifier
- Concentrated product that is diluted in water to emulsify the excess of post emulsifiable penetrants.
- Processing Temperature: 10° to 50° C
- Associated products:
 - Cleaner: **FLUXO S190**
 - Penetrant: all post emulsifiable penetrant **FLUXO**
 - Dry Developer: **FLUXO RD1**
 - Solvent Based Developer: **FLUXO R175**
- Manufacturer: SREM TECHNOLOGIES



Approval & Specifications

- 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)
- SAE - QPL- AMS 2644
- SAFRAN - Pr-5000
- AIRBUS - AITM6-1001 - *Penetrant Inspection*
- BOEING - BBS7039 - *Liquid Penetrant Inspection*
- ROLLS ROYCE - RRP 58003
- AIRBUS Helicopters - EI070 09-023
- ROLLS ROYCE - CSS232
- GOODRICH - ST2452
- SAFRAN HELICOPTERS ENGINES - CCT 00418
- GE - General Electric Company P3TF2 - P3TF47
- LIEBHERR AEROSPACE - MFT0253

Properties

- Aspect: Pink/Red Liquid
- Flash Point: > 100° C

Density (20° C): 1.03
Compatible with any metal

Instructions for Use

FLUXO E10 needs to be diluted with water before use, normally at a 5% - 20% concentration.

For spraying => the usual concentration range is 0.1% to 0.5%. You can use a maximum concentration of 5% depending on the application.

For Immersion => The typical concentration is 5 to 20%, but, depending upon the case, more diluted or more concentrated solutions can be used. Check the concentration to ensure that the established working strength is maintained. This can be achieved by the use of a suitable refractometer.

- **Cleaning:** Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- **Application of Penetrant:** Apply **FLUXO Penetrant:** Application by immersion, spraying, brushing, dipping, electrostatic spraying etc... Allow to penetrate for at least 10 minutes.
- **Removal:** pre-rinse the test part with plain water before applying the emulsifier **FLUXO E10** by spray or immersion. Remove the excess emulsified penetrant from the surface under UV Light, with water, in order to ensure that no fluorescent background is left.
- **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

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