FLUXO 6

Fluorescent Ink for Magnetic Particle Inspection

General Appearance & Composition

- Fluorescent Ink for MPI
- Processing Temperature : 0°C to 50°C
- Composition: Fluorescent magnetic powder and high flash point petroleum.

Approval & Specifications

- **AMS 2641** Type 2
  « Vehicle, Magnetic Particle Inspection, Petroleum Base »
- **AMS 3044**
  « Magnetic Particles, Fluorescent, Dry powder »
- **AMS 3045**
  «Magnetic Particles, fluorescent, Wet method, oil vehicle »
- **NF EN ISO 9934-2**
- **ASTM E1444**- Section 5.8 - **ASTM SE-709**
- **ASME BOILER AND PRESSURE VESSEL CODE**, SECTION V
- **Code RCC-M** Tome III - *§ MC 5135 "Liqueurs magnétiques"*
- **Low in Sulphur & Halogens** (Nuclear Quality)
- **PMUC** – Can be used in nuclear plants

Properties

- *Performance*: 70mm in reference block type 2
- *Aspect & color*: red/orange suspension
- *Flash Point* : > 80°C
- *Particles size*: around 3µm
- *Fluorescence coefficient*: ß ≈ 6.0 $cd.W^{-1}$
- *Mechanic stability* : stable product
- *Stability in time*: minimum 60 months
- *Particule content*: 0.8 $g.L^{-1}$
- *Density* : 815 $g.cm^{-3}$ (15°C)
- *Settlement Volume*: 0,20 to 0,30 ml / 100 ml (1 h)

Application

- Remove tinder, rust and other contaminations from surface
- Shake well the drum before use
- During magnetization spray **FLUXO 6** on the surface
- Defects will appear as yellow-green fluorescent magnetic particle indications under UV Light

Shelf Life

- Minimum of 5 years, stored at room temperature

Pack Sizes

- Aerosol Can 500mL
- Drum 10L

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