

FLUXO 6D Type 1

Fluorescent Magnetic Ink for Magnetic Particle Inspection

General Appearance & Composition

- Fluorescent Magnetic Ink for Magnetic Particle Inspection
- Processing Temperature: 0 °C to 50 °C
- **FLUXO 6D Type 1** is a mixture of fluorescent magnetic powder in a high flash point petroleum distillate.
- Low Fluorescence background on parts.
- Associated products:
 - fluorescent magnetic powder: **FLUXO 22D**
- Manufacturer: **SREM TECHNOLOGIES**

Approval & Specifications

- EN ISO 9934-2
- ASTM E1444 - ASTM E709
- ASME BOILER AND PRESSURE VESSEL CODE, SECTION V
- Code RCC-M - Tome III
- AMS 2641 Type 1 « Vehicle, Magnetic Particle Inspection, Petroleum Base »
- AMS 3044 « Magnetic Particles, Fluorescent, Dry powder »
- AMS 3045 « Magnetic Particles, fluorescent, Wet method, oil vehicle, ready-to-use »
- AIRBUS AITM 6
- SAFRAN DMR70-520 et IN5300
- SNECMA DMC 0070
- AIRBUS Helicopter EI070 09-011
- DASSAULT AVIATION DGQT 1.0.1.73

Properties

- Performance: 70mm in reference block type 2
- Aspect & color: red/orange suspension
- Flash Point: > 100 °C
- Particle size: around 3µm
- Fluorescence coefficient: $\beta \approx 6.0 \text{ cd.W}^{-1}$
- Mechanic stability: stable product
- Stability in time: minimum 36 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 concentrate well before use
- During magnetization spray the preparation on the surface
- Defects will appear as yellow-green fluorescent indications under UV Light

Shelf Life

- Minimum of 3 years. stored at room temperature.
- Please refer to the Safety Data Sheet

Pack Sizes

- Drum 10L



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