

FLUXO 3

Black Magnetic Ink for Magnetic Particle Inspection

General Appearance & Composition

- Black Magnetic Ink for Magnetic Particle Inspection
- Processing Temperature: 0 °C to 50 °C
- **FLUXO 3** is a mixture of black magnetic powder in a high flash point petroleum distillate.
- Associated products:
 - White Contrast Paint: **FLUXO 4 / FLUXO 7**
 - Remover: **FLUXO 5**
- Manufacturer: **SREM TECHNOLOGIES**

Approval & Specifications

- EN ISO 9934-2
- AMS 2641 Type 2 - Vehicle, Magnetic Particle Inspection, Petroleum Base
- AMS 3041 Magnetic Particles, non-fluorescent, Wet method, oil vehicle, ready to use
- ASTM E1444 - Section 5.8
- ASME BOILER AND PRESSURE VESSEL CODE, SECTION V
- Code RCC-M - Tome III
- ASTM E709
- Low in Sulphur & Halogens (Nuclear Quality)
- PMUC - Can be used in nuclear plants

Properties

- Performance: 70mm in reference block type 2
- Aspect & color: black powder
- Particle size: 1 µm
- Settlement rate (1 hour): 1,2 to 2,4 ml/100 ml
- Flash Point: > 80 °C
- Mechanic stability: stable product
- Stability in time: minimum 60 months
- Density: 815 g.cm⁻³ (15 °C)



Application

- Remove tinder, rust and other contaminations from surface.
- For a good contrast: spray a thin film of **FLUXO** White Contrast Paint on the surface of the part.
- During magnetization spray **FLUXO 3** on the surface.
- Defects will appear as black magnetic particle indications under daylight.
- After control the surface can be cleaned with **FLUXO 5** Paint Remover.

Shelf Life

- Minimum of 5 years. stored at room temperature.
- Please refer to the Safety Data Sheet

Pack Sizes

- Aerosol Can 500mL



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