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

Version: 09/2021

SREM TECHNOLOGIES
ZI Ouest - Rue des Frères Chappe - 72200 LA FLECHE - FRANCE - Tél +33 (0) 2.43.48.15.10 - Fax +33(0) 2.43.45.25.26 - www.srem.fr - info@srem.fr