



**Fluxo**  
NDT products



## FLUXO 3

### Black Magnetic Ink for Magnetic Particle Inspection

#### General Appearance & Composition

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

#### Approval & Specifications

- NF EN ISO 9934-2
- AMS 2641 Type 2  
*Vehicle, Magnetic Particle Inspection, Petroleum Base*
- AMS 3041  
*Tehran, Tehransar  
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 - § MC 5135 "Liqueurs magnétiques"
- ASTM SE-709
- 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
- **Particles 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<sup>-3</sup> (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

#### Pack Sizes

- Aerosol Can 500mL
- Drum 10L

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