

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
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 "Liquours 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⁻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

Pack Sizes

- Aerosol Can 500mL
- Drum 10L