

FLUXO 215

Black Magnetic Concentrate for Magnetic Particle Inspection

General Appearance & Composition

- Black Magnetic Ink for MPI
- Available in Aerosol Can (Ready to use) or Concentrate (Dilution in Water)
- Processing Temperature : 0°C to 50°C
- High level of Anticorrosive Protection
- **FLUXO 215** is a mixture of black magnetic powder, wetting agent, antifoam, bactericide, rust inhibitor and additives.

Approval & Specifications

- NF EN ISO 9934-2
- ASTM E1444- Section 5.8
- ASTM E709
- ASME Boiler & Pressure Vessel Code, SECTION V
- For the Aerosol Can : **PMUC** / Low in Sulphur & Halogens

Properties

- Performance: 70mm in reference block type 2
- Aspect & color: black suspension
- Particles size: around 1µm
- Corrosion test: level 0 (according standard ISO 9934-2)
- Mechanic stability : stable Product
- Stability in time: minimum 24 months
- Settlement Volume: 1.2 to 2.4 ml / 100 ml (1 h)
- NOT DANGEROUS

Application

- Remove tinder, rust and other contaminations from surface
- Shake concentrate well before use
- Typical dilution for the concentrate : 2.0% in water (1/50)
- For a good contrast : spray a thin film of White Contrast Paint (**FLUXO 4** or **FLUXO 7**) on the surface of the part
- During magnetization spray the preparation on the surface
- Defects will appear as black magnetic particle indications under daylight

Shelf Life

- Minimum of 2 years, stored at room temperature

Pack Sizes

- 200g bottle (for dilution in 10L of water)
- Aerosol 400mL

