

Product **FLUXO 215** Reference **TDS008A** Date **15/11/2007** Page **1/2****FLUXO 215**Concentrate of black magnetic particles
in an aqueous carrier fluid.

- Inspection** : The part is subjected to an intense magnetic flux, which is deviated by the presence of a defect. This escape attracts the particles of the product and the defects now are clearly visible as fluorescent lines.
- Use** : This Magnetic particle examination is used for the detection of emerging defects in all ferromagnetic materials.
Applicability: Aeronautics, Automobile, Railway, etc...
- Concentration** : **FLUXO 215** is used with water as carrier medium.
The concentrate must be diluted to **2% per litre of water** of hardness lower than 30°F.
- Composition** : **FLUXO 215** : Black magnetic powder, wetting agent, defoamer, strong rust inhibitor.
- Specifications** :
➤ **NF EN ISO 9934-2**
➤ **ASTM E1444-01**- Section 5.8
➤ **ASME Boiler & Pressure Vessel Code**, SECTION V, 2004 Ed
- Characteristics** : **FLUXO 215** is in conformity with the international standard **ISO 9934-2** concerning magnetic particle inspection products, in particular on the following points:
✓ Performance: 70mm in reference block type 2
✓ Aspect & colour: black suspension
✓ Temperature resistance: stable
✓ Corrosion test: level 0 (according standard ISO 9934-2)
✓ Mechanic stability : stable product
✓ Stability in time: minimum 18 months
✓ Settlement Rate (1 hour) : 1,2 to 2,4 ml /100 ml
- Performance test** : In order to test the evolution of the performances of detection of the **FLUXO 215** in time, you can proceed with the reference block type 2, according to the method described in the standard **ISO 9934-2** (standard part reference 2).

The length of signature has to be compared with the value measured on the new product; it should not be lower than 25 mm for the two right and left sides.
- Health & Safety** : NON DANGEROUS Product - please refer to MSDS.
- Packaging** : Available in drum of 200g (for 10L of water) and 10kg
- Storage** : Do not stock in freeze

SREM Technologies can make any modifications

Product **FLUXO 215** Reference **TDS008A** Date **15/11/2007** Page **2/2**

Validity : 18 months after manufacturing (the date is noted on the packaging).

Advices : Shake the can before using.
Use protective paste K300 to avoid any risk of dermatitis.

Discharge : Do not discharge the concentrate.

SREM Technologies can make any modifications