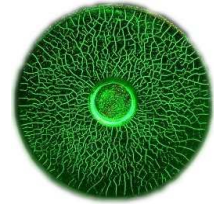


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## FLUXO 307

Concentrate of fluorescent magnetic particles  
in an aqueous carrier fluid.  
High Anticorrosive Protection



- 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 307** 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 307**: Fluorescent 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 307** 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: green suspension
  - ✓ Particles size:  $D_{50\%}$  between 3 and 7  $\mu\text{m}$   
 $D_{10\%} > 1,5 \mu\text{m}$  -  $D_{90\%} < 40 \mu\text{m}$
  - ✓ Temperature resistance: stable
  - ✓ Fluorescence coefficient:  $\beta \approx 3,8 \text{ cd.W}^{-1}$
  - ✓ Corrosion test: level 0 (according standard ISO 9934-2)
  - ✓ Mechanic stability : stable product
  - ✓ Stability in time: minimum 18 months
  - ✓ Particule content:  $0.38 \text{ g.L}^{-1}$
  - ✓ action reinforced into anti-corrosive and antifoaming agents
- Performance test** : In order to test the evolution of the performances of detection of the **FLUXO 307** 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.

**SREM Technologies can make any modifications**

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**Health & Safety** : NON DANGEROUS Product - please refer to MSDS.

**Packaging** : Available in drum of 1 kg (for 50L of water) and 10kg

**Storage** : Do not stock in freeze

**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.

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***SREM Technologies can make any modifications***