 <p>15 Rue des Frères Lumière – BP 136 78374 PLAISIR FRANCE</p> <p>Pho : +33(0)1.30.80.81.98 Fax : +33(0)1.30.80.81.99 WEB : www.babbco.fr E-MAIL : sherwinbabbco@orange.fr</p>	<p>TECHNICAL</p> <p>DATA SHEET</p>	<p>Ref : TDS/WCB 42</p> <p>Page : 1/2</p> <p>Rev : 4 Date : 11/10</p>
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WATER-BASED BLACK MAGNETIC DETECTING MEDIUM WCB 42

MANUFACTURER: BABB CO

DESCRIPTION / USE:

Supplied in 200 mL bottles. A 200 mL bottle, diluted in 10 L of water, gives 10 L of ready-to use black magnetic detecting medium, visible in daylight.

WCB 42 comprises also surfactant, corrosion inhibitors and antifoaming agent. Using the white background B 104A previous to WCB 42 vastly increases contrast, then indications seeability.

Water hardness: WCB 42 may be diluted in any water, whatever hardness, without any insoluble salts precipitation or foaming.

Corrosion: WCB 42 comprises strong corrosion inhibitors. Nevertheless, a test may be carried out if even a minute trace of corrosion is detrimental for the part. WCB 42 is nitrite free.

- Companion product(s): White background B 104A, water, demineralised water.

SPECIFICATIONS / STANDARDS:


- Conform to Codes: ASME, RCC-M
standards: ISO 9934-2
NFF 00-090
ASTM E1444

- Approved PMUC (French acronym for: Products and Equipments allowed for use in power plants by EDF-French Electricity Board)

- This product complies with REACH regulation.

PHYSICO-CHEMICAL PROPERTIES:

- Concentrate : pH > 10
- Ready-to-use : pH > 8,5
- Powder content: 7 g/L
- Particle size : from 1 to 10 µm (average 2µm)
- Settlement rate : 1,2 to 2,4 mL/100 mL after 30 minutes (ASTM D96)

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PACKAGING/TRANSPORT/STORAGE:

- . Packaging: 6 x 200 mL bottles in cardboxes.
- . Transport / Handling: refer to MSDS (material safety data sheet)
- . Storage / Shelf life:
 - Keep away from moisture and light
 - Temperature range: 0 to 50° C.
 - Keep cans tightly closed between use.
 - Bottle: 48 months.

OPERATION:

Thoroughly stir before pouring the 200 mL bottle content in a 10 L can.
Twice rinse bottle with water. Top with water (temperature of the water used between 10°C and 30°C) up to 10 L.

The product is then ready for use.

Previous to magnetising the part while spraying WCB 42, it is recommended to apply a thin, even coat of white background B 104A : black indications appear then against a uniformly white background, increasing their seeability.

HEALTH AND SAFETY: refer to MSDS.

*The information given herein is given in good faith to our customers for the sole purpose of assisting them in the use of the products. The document contains no formal or implicit guarantee regarding its use.
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