

JC 250C

PROCESS DETERGENT

Industrial Cleaning



- Slightly alkaline process detergent using new generation surface-active technologies
- Excellent rinsability
- Readily biodegradable
- Safe on ferrous, non-ferrous metals including anodized aluminum

NORMAL PROCESS

Process:	Ultrasonic and Immersion Systems
Concentration:	2-10% (normal range 3-5%)
Temperature:	120°F-160°F/50°C-70°C
Rinse:	Yes
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, straw colored liquid
PH Range:	9.0-9.3
Specific Gravity:	1.05-1.06 g/mL at 25°C (77°F)
Water Soluble:	Soluble

PRODUCT APPLICATION

Ultrasonics and Immersion

REMOVES THESE CONTAMINANTS

coolants, light machining oils and particulates

SURFACE COMPATIBILITY

brass, copper, aluminum, and stainless steel

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NORMAL CONTROL

Dropping Bottle Method (Jayco Chemical Solutions part number: Alkalinity P/T Test Kit JYT001)

1. Take a sample of the JC 250C solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 10 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total alkalinity indicator
4. Add dropwise 0.25N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from green to red/orange
6. Calculation :

$$\text{Concentration of JC 250C (\%)} = \text{Drops of 0.25 N H}_2\text{SO}_4 \times 0.235$$

Conductivity

Below are readings taken with DI water. Jayco Chemical Solutions suggests making up known concentrations in customer's operating range and water for more accurate readings

%	conductivity (mS/cm)
3	2.85 mS/cm
5	4.54 mS/cm
7	8.37 mS/cm

HANDLING AND SAFETY CONSIDERATIONS

Consult product safety data sheet for handling considerations, hazard information, and first aid procedures.

OTHER INFORMATION

No warranty, expressed or implied of merchantability fitness for a particular purpose or otherwise, is made. Buyer assumes all risk of use, storage and handling. JAYCO Cleaning Technologies shall not be made liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, storage, handling or disposal of this product.