

JC 1550C

CORROSION INHIBITOR

Industrial Cleaning



- Low foaming water soluble corrosion inhibitor
- Designed for use on copper, brass, and aluminum for short term storage.
- Prevents tarnish and maintains brilliant appearance on polished parts.
- Protects steel from flash rusting
- Highly concentrated

NORMAL PROCESS

Process:	Immersion and Spray Systems
Concentration:	1-10% (normal range 1-3%)
Temperature:	Ambient-160°F
Rinse:	No
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, straw colored liquid
PH Range:	8.5-9.0
Specific Gravity:	1.09-1.12 g/mL at 25°C (77°F)
Water Soluble:	Soluble

PRODUCT APPLICATION

immersion, spray systems

SURFACE COMPATIBILITY

copper, brass, aluminum,
steel

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NORMAL CONTROL

Dropping Bottle Method (Jayco Chemical Solutions part number: Alkalinity P/T Test Kit JYT005)

1. Take a sample of the JC 1550C solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 20 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total alkalinity indicator
4. Add dropwise 0.10 N 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 :

$$\text{Concentration of JC 1550C (\%)} = \text{Drops of 0.10 N H}_2\text{SO}_4 \times 0.278$$

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 (uS/cm)
0.5	30 uS/cm
1	57 uS/cm
2	112 uS/cm
3	165 uS/cm
5	277 uS/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 Chemical Solutions 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.