

# JC 1150C

## CORROSION INHIBITOR

### Industrial Cleaning



- Low foaming water soluble corrosion inhibitor
- Specifically designed to be used in rinse stations to provide corrosion protection prior to PVD coating
- Prevents flash rusting
- Readily biodegradable
- Dries down to a non-tacky residue
- Borate free

#### NORMAL PROCESS

<b>Process:</b>	Immersion and Spray Systems
<b>Concentration:</b>	0.5-5% (Prior to PVD 0.5-1.0%)
<b>Temperature:</b>	Ambient-140°F
<b>Rinse:</b>	No
<b>Dry:</b>	Air

#### PRODUCT PROPERTIES

<b>Appearance:</b>	Clear, straw colored liquid
<b>PH Range:</b>	10.5-10.8
<b>Specific Gravity:</b>	1.02-1.03 g/mL at 25°C (77°F)
<b>Water Soluble:</b>	Soluble

#### PRODUCT APPLICATION

immersion, spray systems

#### SURFACE COMPATIBILITY

steel, stainless steel, carbide

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#### NORMAL CONTROL

**Dropping Bottle Method** (Jayco Chemical Solutions part number: Alkalinity P/T Test Kit JYT003)

1. Take a sample of the JC 1150C 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 1.0 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 :

$$\text{Concentration of JC 1150C (\%)} = \text{Drops of 1.0 N H}_2\text{SO}_4 \times 0.143$$

#### 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	143 uS/cm
1	203 uS/cm
2	288uS/cm
3	354 uS/cm

#### HANDLING AND SAFETY CONSIDERATIONS

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

#### OTHER INFORMATION

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