



ELC 100 Electrocleaner

DESCRIPTION

A dry, alkaline, granular, water soluble product, highly fortified with powerful surfactants and additives which enhance wetting capacity and detergency. **ELC 100** was designed as a Direct/Reverse cleaner for use at low temperatures.

ADVANTAGES

- Very Effective At Low Temperatures
- Excellent Cleaning
- Excellent Rinsing Even In Hard Water
- Excellent Chrome Reducing Properties
- Superior Detergency
- High Conductivity for Maximum Gas Scrubbing
- Greater Capacity for Soils

OPERATING PARAMETERS

	<u>RANGE</u>	<u>TYPICAL</u>
Concentration	4-8 oz/gal.	6 oz/gal.
Temperature	140 to 180°F	160 F
Current	15 to 20 amps/ft ²	

EQUIPMENT

Processing tanks, piping, heat transfer surfaces, and other equipment fabricated of mild steel will provide satisfactory life.

PHYSICAL PROPERTIES

Appearance	Powder
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CONTROL PROCEDURES

Follow the process parameters.

ANALYSIS

1. Pipet 10 mLs of the solution to be tested into a 250 mL Erlenmeyer flask.
2. Add 25 - 30 mLs of distilled water.
3. Add 3 - 5 drops of phenolphthalein indicator solution.



4. Titrate with 1.0N acid until the solution turns from a pink color to the original solution color.
5. Calculation:

$$\text{ELC 100 Concentration (oz/gal)} = (\text{mLs 1.0N acid}) \times 1.06$$

SAFETY AND STORAGE

Wear PPE when using ELC 100 including gloves, eye protection, apron, etc. room temperature in a dry location.

WASTE TREATMENT

Contact your FCT Water representative for waste treatment recommendations.

MISCELLANEOUS

Available in a 50 pound pail.