

CT-555 Acid Cleaner

Introduction

CT-555 is a blend of organic acids, chelating & agents wetting with corrosion inhibitors. It is used for the removal of scales in most installations types & thermal equipments.

Physical Properties

Appearance.....	Clear Amber
S.G.....	1.1 ± 0.02.
PH.....	Less than 2
Flash Point.....	Non flammable
Odor.....	Vinegary Odor
Solubility.....	Complete soluble

Application

CT-555 can be used by circulation or by dip.

The required quantity of CT-555 depends on the quantity of scale to be removed.

Concentration rate is about 3 kg of CT-555 per kg of scale to be removed.

When it is impossible to know exactly the weight of scale, a solution of 10% CT-555 can be used.

The concentration of CT-555 in solution must not exceed 20% w/w

Descalant solution can be circulated through the descaling apparatus with a pump or can be stirred with compressed air (at 2 or 4 bar pressure). The idea is to renew the areas of contact constantly.

Time of treatment will be defined according to the density of scale (Control the evolution of pH).
Temperature range: 25 to 60°C

*At the end of the process, pH will stabilize between 2.5-3.5, drain the solution bath and rinse with running water to eliminate any traces of acidity.

CT-450 should be used after this procedure to neutralize the effect of using CT-555

Handling and usage Instructions

- 1- Dilute to a ratio: 1 (product): 10 (water).
- 2- Stir the mixture
- 3- Dip the parts that need to be treated into the mixture (increase temp up to 60 °C to accelerate the process)
 - * Dip time shouldn't exceed 36 hours.
 - * In case of increasing pH more than 5 **CT-555** should be added to reduce pH back to value 2.
- 4- Rinse the parts with water.
- 5- Dip in alkaline **CT-450** for 1: 2 hrs for neutralization.
- 6- Rinse with water.

Safety & Handling

Wear protective gloves & goggles & safety suit while handling.

Storage

- Store in cool, dry and well ventilated area.
- Keep container closed after use; avoid contact with eyes & skin.

Packaging

CT-555 is available in 25 kg plastic container.

