Neutral Salt H

Neutral Salt H is a chemically balanced mixture of chlorides formulated for a specific range of operating temperatures. All chemical incorporated into formulation are technical grade to insure a high purity, high grade, trouble-free mixture.

Neutral Salt H is used as a neutral molten salt for the heat treatment of high carbon alloy steels and stainless steels which require hardening temperature within the 1300°F to 1900°F range of temperatures. It is also used as a pre-heat salt bath prior to the high heat, high speed hardening bath.

Features & Benefits

Free flowing powder	Easy safe handling for additions to salt pot
High purity	Consistency Sharp melting point

Physical Data

Melting point	1200°F
Weight	156 lb /ft^3
Operating range	1300°F – 1900°F

Operating Conditions

Chemicals or chemical compounds such as nitrates, cyanides, cleaning compounds, and oils should not be introduced into the Neutral H salt bath. Contaminants will not only change the neutrality but, in most cases, result in ruining the salt bath, necessitating dumping the salt bath and making up a new one.

The Neutral Salt H molten salt bath is very stable. However, if rectification is required, methyl chloride can be bubbled through the molten salt bath or Rectifier for Neutral Salt H can be used, there is a chemical control procedure bulletin available upon request.

Cleaning Requirements
Hot or boiling water is recommended for the removal of Neutral H solidified salts on the work, especially after oil quenching. After the salt has been removed in hot water, the remaining oil on the pieces can be removed in a hot alkali cleaner.

Equipment

Equipment for the Neutral H Salt Bath can be either externally heated or electrode type. Ceramic pots should be used in the electrode type pot furnaces and alloy steel pots should be used in the externally heated pot type furnaces.

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our people. Your problem solvers.

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