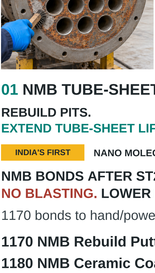
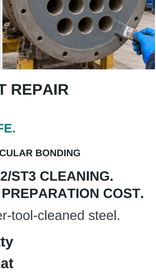
# HEAT EXCHANGERS

## REDUCE LEAK RISK. SAVE ENERGY. DISMANTLE FASTER.

PITTING / TOOL CLEANING



NMB REBUILD + PROTECT



## 01 NMB TUBE-SHEET REPAIR

**REBUILD PITS.**
**EXTEND TUBE-SHEET LIFE.**

INDIA'S FIRST — NANO MOLECULAR BONDING

**NMB BONDS AFTER ST2/ST3 CLEANING.**
**NO BLASTING. LOWER PREPARATION COST.**

1170 bonds to hand/power-tool-cleaned steel.

**1170 NMB Rebuild Putty**
**1180 NMB Ceramic Coat**

Remove grease, salts and loose rust. Check wet-service limits; keep tube bores uncoated.

## 02 CORRODED TUBE SHEETS

AC-500 GEL APPLICATION




Illustrative application.

**REMOVE SURFACE RUST.**

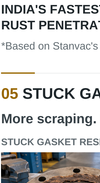
### Z111 AC-500 Gel Grade

Brush-on gel for rust cleaning of corroded ferrous tube sheets.

Check tube-sheet, tube and seal compatibility; wash off as specified.

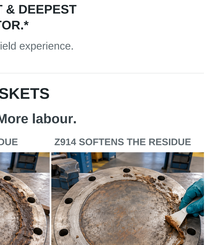
## 03 SCALE & RUST

SCALE BUILD-UP



SCALE REDUCES HEAT TRANSFER.

EQC-10 IN CIRCULATION




1 TANK → 2 PUMP → 3 EXCHANGER → TANK

**RECOVER HEAT TRANSFER.**
**REDUCE ENERGY WASTE.**

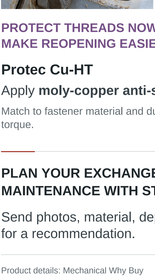
### Z118 EQC-10

Circulate **non-fuming EQC-10** to remove compatible mineral scale and rust. Clean in place where equipment permits.

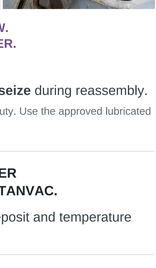
Isolate the circuit. Check metal and seal compatibility; drain and rinse as specified.

## 04 SEIZED COVER BOLTS

SEIZED FASTENER



6030 PEN OIL




**FREE SEIZED BOLTS.**
**REDUCE DISMANTLING TIME.**

### 6030 Pen Oil

**INDIA'S FASTEST & DEEPEST RUST PENETRATOR.***

*Based on Stanvac's field experience.

## 05 STUCK GASKETS

**More scraping. More labour.**

STUCK GASKET RESIDUE



Z914 SOFTENS THE RESIDUE



**LESS SCRAPING.**
**PROTECT THE FLANGE FACE.**

### Z914 Tough Clean

**Non-drip remover** reduces aggressive scraping.

## 06 THREAD SEIZURE

**Cutting. Replacement. Extra cost.**

SEIZURE AT REOPENING



CU-HT DURING REASSEMBLY



**PROTECT THREADS NOW.**
**MAKE REOPENING EASIER.**

### Protec Cu-HT

Apply **moly-copper anti-seize** during reassembly.

Match to fastener material and duty. Use the approved lubricated torque.

**PLAN YOUR EXCHANGER MAINTENANCE WITH STANVAC.**

Send photos, material, deposit and temperature for a recommendation.

Product details: Mechanical Why Buy

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