52 PRODUCTS / SEVEN CATEGORIES / ONE STANDARD

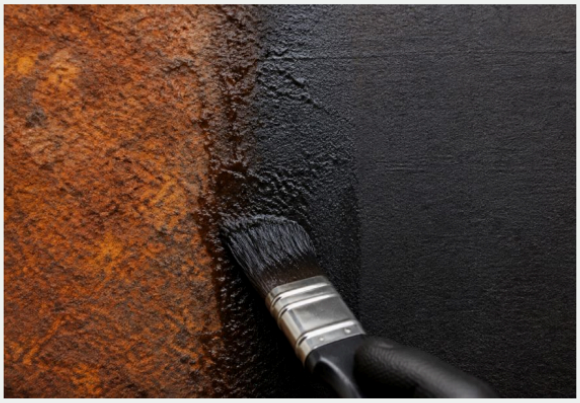
THE STANVAC MECHANICAL ADVANTAGE

MECHANICAL & CIVIL MAINTENANCE SOLUTIONS 2026

ONE VENDOR. ONE WARRANTY. OUTCOMES GUARANTEED.

STAR TECHNOLOGY / Z704 RUSTEX-NMB

RUST CONVERTED. LIFE DOUBLED.



TriArmor conversion reaches the base of every pit.

2X GRIP / 2X SYSTEM LIFE

500+ HOURS SALT SPRAY WITH EPOXY TOPCOAT

WHY BUY?

A BEST-IN-WORLD TECHNOLOGY

B UNIQUE CUSTOMER GAIN

- 01 SUPERIOR ANTI-CORROSION
- 02 COLD REPAIRS
- 03 AEROSOLS
- 04 CONCRETE REPAIRS
- 05 SYNTHETIC GREASES
- 06 BULK CLEANERS
- 07 REPAIR WELDING

Four Core Technologies

NMB Nano-Molecular Bonding — covalent bonding to parent metal; will not peel.

SHP Superhydrophobic — repels corrosion-causing dust and water.

TST True Surface Tolerance — low-surface-tension primers bond to parent steel, not surface film.

FDT Fast-Drying Technology — coat a running plant; return it to service the same day.

Z704 RUSTEX underpins every anti-corrosion system and 944 wrap. ★ **Z704 RUSTEX BASE · 2× LIFE.** Exception: **ES 70 2K**.

01 SUPERIOR ANTI-CORROSION

05 PRODUCTS

75% of coating failures stem from poor surface preparation; these systems use converted, sealed steel — not rust.

Structural steel coated direct to metal — no blasting, no shutdown.

1. 2050 Polyhyb SHP

ONE-COMPONENT DIRECT-TO-METAL CORROSION PREVENTION

Why coat plant steel and machinery in dusty areas with 2050 Polyhyb SHP?

A) Best-in-World Technology: The world's best one-component, fast-drying, direct-to-metal hybrid co-polymer — 2–3× the life of other 1K systems; 500+ hours salt spray.

★ Z704 RUSTEX BASE · 2× LIFE
Over Z704 RUSTEX–NMB: around 2× grip, 2× life — on steel you cannot blast.

SHP edge — repels dust & water: SHP repels dust and water — high gloss retention; FDT fast drying, ideal for dusty areas.

B) Unique Customer Gain: Long-term protection for plant steel, machinery and concrete (C1–C3) — **will not crack or peel for over 2 years.**

External pipe lines held gloss-white through coastal, humid service.

2. 1040 TST & NMB + 727 SHP

SURFACE-TOLERANT EPOXY-PU · WET & HEAVILY RUSTED STEEL

Why specify 1040 TST + 727 SHP where the steel is wet, oily and rusted?

A) Best-in-World Technology: The world's best true surface-tolerant "low surface tension" epoxy-PU — wet and actual rust tolerance; the primer bonds to parent metal; 2,000+ hours salt spray; 1,200+ psi adhesion on ST-2 surfaces.

★ Z704 RUSTEX BASE · 2× LIFE
The Z704 RUSTEX base converts every pit — around 2× adhesion, 2× life.

SHP edge — repels dust & water: The 727 topcoat repels the dust and moisture that cause corrosion.

B) Unique Customer Gain: Cooling towers, tank exteriors, pipe lines and GI protected in wet, coastal, contaminated and oil & gas areas — **3–5 years crack-free.**

Acid-plant structural steel under a glass-flake novolac armour.

3. 1040 TST & NMB + 718 EGF + 727 SHP

ACID, CHEMICAL & C5 MARINE ATTACK SYSTEM

Why build in 718 EGF glass-flake novolac for acid-attacked and marine steel?

A) Best-in-World Technology: The world's best acid-defence system — MIO + glass-flake novolac + PU; 3,000+ hours salt spray; 6 months' immersion in 98% H_2SO_4 and 33% HCl.

★ Z704 RUSTEX BASE · 2× LIFE
Z704 RUSTEX neutralises the residual salt and acid — roughly double the life above it.

SHP edge — repels dust & water: The 727 topcoat stays clean and glossy in acid-fume air.

B) Unique Customer Gain: Acid-fume areas, gypsum plants, paper mills and acid bunds — **will not crack, peel or rust for 3 to 5 years.**

Hot manifold pipework insulated in a thin ceramic film.

4. ES 70 2K

CERAMIC THERMAL INSULATION COATING · TO 600 °C

Why insulate manifolds, furnaces, exchangers and pre-heaters with ES 70 2K?

A) Best-in-World Technology: The world's best ambient-curing ceramic insulation coating — air-filled ceramic microspheres in silicone co-polymer resin; no post-heating, no peeling off; to 600 °C; minimum 2× life.

B) Unique Customer Gain: Radiation heat loss cut, condensation prevented — energy saved; high-temperature corrosion held off manifolds, furnaces, exchangers, pre-heaters.

Anti-wear ceramic troweled onto an eroded casing — flow restored.

5. 1190 Stangard + 731 ER Xtream (Nano)

EROSION, ABRASION & CAVITATION DEFENCE · NMB

Why surface pump casings, chutes, elbows and cyclones with 1190 and 731?

A) Best-in-World Technology: 1190 — brushable ceramic nano-particle top coating, surfacing pump casings to enhance flow; 731 ER Xtream — fibre-reinforced ceramic-zirconium NMB putty for fine-particle abrasion erosion.

★ Z704 RUSTEX BASE · 2× LIFE

On a Z704 RUSTEX-converted base the ceramic holds around 2× longer.

B) Unique Customer Gain: Pump housings, chutes, elbows, cyclones and material-handling and crushing equipment **rebuilt and protected** against erosive and pneumatic abrasive environments.

02 COLD REPAIRS — METAL REBUILD & PIPE RE-STRENGTHENING

08 PRODUCTS

Permanent repairs — no hot work, no welding permit, no shutdown. Every one built on NMB.

A leaking, corroded line wrapped and re-strengthened in place.

6. #944 Synthoglass Wrap

LIVE PIPE RE-STRENGTHENING SYSTEM

Why keep 944 Synthoglass on site for cracked, leaking and corroded pipe?

A) Best-in-World Technology: The world's best pipe re-strengthening wrap — separate PU activator, no shelf-life or pot-life issue; ASME PCC-2; 45 kg pressure; applies wet.

★ Z704 RUSTEX BASE · 2× LIFE

Wrapped over Z704 RUSTEX-converted steel — around 2× adhesion, 2× life.

944(A) 2″×5 ft · 944(B) 4″×15 ft · 944(C) 8″×50 ft. Also for tankage and floating roofs.

B) Unique Customer Gain: Cracked, leaking and corroded **pipe re-strengthened in place** — the emergency, quick-action repair.

A permanent steel repair, hand-moulded from a single stick.

7. Z801 Faststeel Epoxy Stick

EMERGENCY METAL REPAIR

Why keep Z801 Faststeel in every toolbox and maintenance van?

A) Best-in-World Technology: Fast-setting, industrial-strength NMB polymer in a hand-mixable stick — no measuring, no tools; bonds instantly with superior strength.

B) Unique Customer Gain: **Steel repaired permanently on the spot**, by anyone — mistake-proof.

A wet pipe surface mended without draining the line.

8. Z805 Aquamend Epoxy Stick

DAMP, WET & UNDERWATER REPAIR

Why reach for Z805 Aquamend when the surface is damp or submerged?

A) Best-in-World Technology: A patented hand-mixable NMB speciality epoxy putty — applies underwater, fresh or salt water.

B) Unique Customer Gain: **Repairs on damp, wet and underwater surfaces** — bonds tenaciously to metal, concrete, glass, most plastics.

Paste-grade steel putty flowing into a cracked casing.

9. Z711(P) Quicksteel Epoxy Putty NMB

OVERLAYING, LEAK SEALING & CRACK FILLING

Why choose Z711(P) for overlaying, leak sealing and crack filling?

A) Best-in-World Technology: The world's best fast-setting 1:1 steel-filled putty in a unique paste consistency for very effective overlaying — sets in 5 minutes, cures in 1 hour; 260 °C; sets up underwater.

B) Unique Customer Gain: Overlaying, leak sealing, cracks and holes — guaranteed performance; **flows completely into the defect.**

A corroded pipe section rebuilt and troweled smooth — no replacement.

10. 815 Stangard Steel Putty (SPL) — NMB

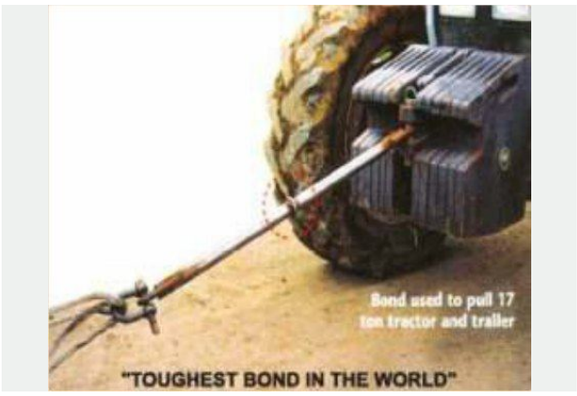
UNIVERSAL METAL REBUILDING

Why rebuild worn and corroded metal with 815 SPL instead of replacing?

A) Best-in-World Technology: The world's best universal repair putty — unique impact resistance, high-temperature resistance and high machinability; steel-alloy filled, rebuilds metal; repairs to 250 °C.

B) Unique Customer Gain: **Corrosion damage and pitting eliminated** — pipes, castings, pipe supports and pads, valves, flanges, impellers, tank pontoons and roofs rebuilt in place. Takes impact.

Companion · Z824 Glass-Fibre Tape · 50 mm × 2.5 m. Reinforcement tape for Z711(P) and 815 (SPL) where the repair must carry load.



The bond that pulled a 17-tonne tractor and trailer.

11. #Z730 Steelweld (A + B)

ULTRA-STRONG HIGH-TEMPERATURE REBUILD

Why choose Z730 Steelweld for heavy, high-stress, high-temperature rebuilds?

A) Best-in-World Technology: The world's best ultra-strong high-temperature putty — rated 250 to above 300 °C; machines by grinding, tapping, drilling.

B) Unique Customer Gain: Bearing housings, keyways, scored shafts, machine beds and hot pipelines brought back to size — **withstands extreme temperature fluctuation.**

Bi-metallic corrosion, structural loss, cavitation, erosion — all rebuilt.

12. 1170 Stangard Ceramic-Metal Rebuild Putty — NMB

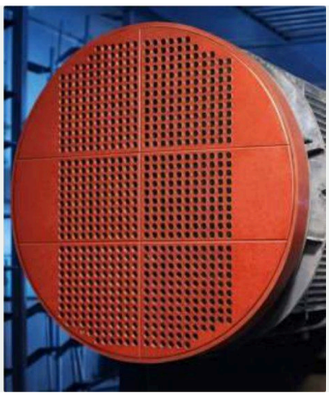
CONDENSER, EXCHANGER & PUMP REBUILD

Why rebuild condenser tube sheets, water boxes and pump internals with 1170?

A) Best-in-World Technology: NMB bonds even on ST 2/ST 3 hand-cleaned steel; a silicon-steel alloy matrix resists cavitation, erosion and corrosion.

Overcoat with 1180 for exchangers, 1190 for high-flow pumps.

B) Unique Customer Gain: Tube sheets, water boxes and pumps rebuilt in place — **bi-metallic corrosion prevented.**



A tube end sheet rebuilt, overcoated and back in service.

13. 1180 NMB Ceramic Coat

HEAT-EXCHANGER & PUMP PROTECTION

Why overcoat a rebuilt surface with 1180 ceramic coat?

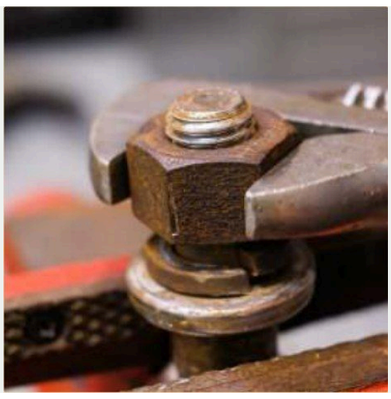
A) Best-in-World Technology: The overcoat for 1170 rebuilds — best protection against erosion and corrosion, impingement, cavitation and bi-metallic attack.

B) Unique Customer Gain: Heat-exchanger tube end sheets, centrifugal, turbine and vacuum pumps, tanks, vessels and gas scrubbers — **one rebuild, then years of service.**

03 AEROSOLS

09 PRODUCTS

The maintenance department's first response — in the hand, on the machine, in seconds.



A seized nut released — not cut off.

14. #6030 Pen Oil

HEAVY-DUTY PENETRANT · SAVES TIME

Why keep #6030 Pen Oil for severely seized, rusted assemblies?

A) Best-in-World Technology: Fast, heavy-duty penetration — the deepest rust penetration and re-opening in the world; U.S. Fed. Spec. VV-P-216a; migrates into tight spaces and threads.

B) Unique Customer Gain: **Seized assemblies freed fast.** If Pen Oil cannot open it, nothing can.

Bonded gasket and paint lifted off, with no damage to the metal.

15. #Z914 Tough Clean

FAST-ACTION, NON-DRIP GASKET & PAINT STRIPPER

Why strip gaskets, paint and carbon with Z914 Tough Clean?

A) Best-in-World Technology: Ultra-strong cleaning action with complete user and metal safety — rapid loosening of all bonded deposits and coatings.

B) Unique Customer Gain: Gaskets off fast; heads and valves cleaned — no damage beneath.

Precision bearings flushed clean without dismantling.

16. #Z939 Bearing Solvent NF

PRECISION PENETRATIVE DEGREASING · CO_2

Why degrease precision bearings with Z939 Bearing Solvent (NF)?

A) Best-in-World Technology: Precision penetrative degreasing — cleans instantly; the pencil jet reaches intricate parts of precision bearings.

B) Unique Customer Gain: Old grease removed in place — enhances bearing life; nothing dismantled.

Caked chain-drive deposits stripped in place.

17. #8485 HD Cleaner & Degreaser

"HIGH FLOW" CITRUS D-LIMONENE

Why clean thick, dried lubricant deposits with 8485 HD Cleaner?

A) Best-in-World Technology: Heavy-duty citrus d-limonene degreaser — High Flow wetting, 360° spray, 97% actives · NF CO_2 propellant.

B) Unique Customer Gain: Thick, dried lube deposits cleaned in place — where standard solutions fail.

Wire gaps sealed — the rope on the left will not rust from within.

18. #7045 HD Open Gear & Wire-Rope Lube

PENETRATES & SEALS WIRE GAPS

Why lubricate open gears and wire ropes with 7045?

A) Best-in-World Technology: A tough, pliable penetrative lubricant — foaming action then a high-tack build guarantees total coverage; moly and graphite fortified; washout-resistant.

B) Unique Customer Gain: Strand wear, snapping and internal rusting prevented — outdoors and in washdown.

A high-speed roller chain that will not throw its lubricant.

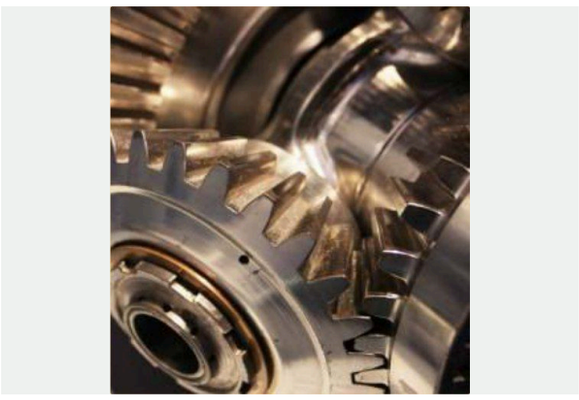
19. #90451 Adhesive Chain Lube

PREVENTS CHAIN JAMMING

Why lubricate roller chains with 90451 Adhesive Chain Lube?

A) Best-in-World Technology: Internal-plus-external chain lubrication — extreme adhesion, will not throw off at speed; resists water and steam.

B) Unique Customer Gain: **Chains and slideways run without jamming** — even underwater, in steam, in dust.



A machined gear train sealed under a self-healing waxy film.

20. #6013 Formula 101 Corrosion Suppressant

5 TO 10 YEARS' PROTECTION

Why protect spares, dies and export shipments with Formula 101?

A) Best-in-World Technology: India's longest-term waxy-film, penetrative, low-surface-tension anti-corrosion coating — self-repairing, solvent-removable; 1,000 hours salt spray.

B) Unique Customer Gain: Spares, dies, export shipments and marine installations **protected 5–10 years** — washes off when needed.

Valve gear assembled dry — no oil film to hold dust.

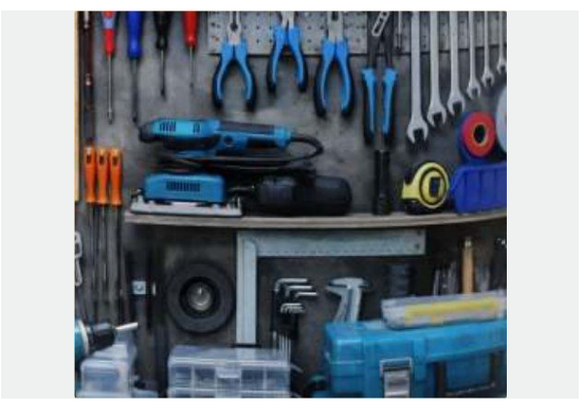
21. #6080 Dry Moly Spray

ASSEMBLY LUBE · TO 100,000 PSI

Why use 6080 Dry Moly for assembly, run-in and dusty areas?

A) Best-in-World Technology: Quick-drying with tight adhesion — dry lubrication to 100,000 psi, −100 °F to +700 °F; dielectric.

B) Unique Customer Gain: **Assembly and run-in wear and galling reduced;** gaskets kept from seizing — best for dusty areas.



Tool-room spares held rust-free through indoor storage.

22. #6007 Rust Inhibitor

LUBE COMPATIBLE

Why protect stored bearings and precision spares with 6007?

A) Best-in-World Technology: Rust and corrosion barrier for indoor storage — fortified lanolin absorbs five times its weight in water; lubricants apply straight over it.

B) Unique Customer Gain: **Bearings and spares protected 5+ years indoors** — no removal before use.

04 CONCRETE REPAIRS & PROTECTION

05 PRODUCTS

Floors, foundations and RCC repaired and sealed between shifts — trafficable in hours.

Floor and foundation cracks filled to 50 MPa; trafficable in four hours.

23. 750 Stanfloor

HIGH-STRENGTH FLOOR & MACHINE-FOUNDATION REPAIR

Why repair floors and machine foundations with 750 Stanfloor putty?

A) Best-in-World Technology: High-strength floor and foundation repair putty — 50 MPa, excellent adhesion to existing concrete.

B) Unique Customer Gain: Trafficable in 4 hours — repaired between shifts, no production loss.

A damaged wall-and-floor junction repaired within the shift.

24. 751 Stanfloor

INSTANT STRUCTURAL CONCRETE REPAIR

Why use 751 Stanfloor for holes, cracks and grouting in concrete?

A) Best-in-World Technology: The world's best fast-drying, 100% solids, three-component epoxy for holes, cracks and grouting — excellent adhesion to existing concrete.

B) Unique Customer Gain: Trafficable in under 1 hour — instant repair of floors, pillars, beams, columns and storage tanks.

Water beading off a sealed, densified concrete block.

25A. 754 Stangard Sealer

OIL & MOISTURE-TOLERANT PENETRATING CONCRETE SEALER

Why seal concrete with 754 where the substrate is damp or oily?

A) Best-in-World Technology: The world's best penetrating concrete sealer — water- and oil-tolerant; seals capillary voids to practically zero.

B) Unique Customer Gain: Wear, cracking, dusting and water and oil absorption stopped — density and bonding strength added, flooring re-strengthened.

A high-gloss SHP topcoat over sealed surfaces — dust and moisture rejected.

25B. 727 Stangard HP — PLPU SHP

HIGH-GLOSS POLYESTER-PU TOPCOAT

Why finish 754-sealed surfaces with the 727 Stangard HP topcoat?

A) Best-in-World Technology: High-gloss polyester-PU topcoat with SHP — UV tolerant, gloss retaining, easy to re-apply.

SHP edge — repels dust & water: Repels the dust and moisture that dull the surface.

B) Unique Customer Gain: The topcoat for 754 — **floors that keep looking, and cleaning, like new.**

An RCC tank wall densified against carbonation and seepage.

26. Stangard 753

ANTI-CARBONATION & WATER-SEEPAGE DENSIFYING COATING

Why densify RCC walls, columns, beams and tanks with Stangard 753?

A) Best-in-World Technology: The world's best penetration-cum-densification coating for RCC — stops water ingress, re-strengthens, prevents algae.

B) Unique Customer Gain: Cracking, seepage and growth prevented — 3 to 5 year life minimum.

An expansion joint sealed flexibly against water, chemicals and abrasion.

27. 1311 Stangard Corrokote (FLX)

FLEXIBLE EPOXY SEALING & WATERPROOFING

Why seal expansion joints and metal roofing with 1311 Corrokote (FLX)?

A) Best-in-World Technology: 100% solids flexible epoxy — seals expansion joints and metal roofing; 360–400 microns in two coats; will not crack or peel off.

B) Unique Customer Gain: Long-term sealing with a rubber-like high-gloss finish — takes impact.

05 HIGHER-LIFE SYNTHETIC GREASES

11 PRODUCTS

100% synthetic. The bearing survives what the seal cannot.

Wet-process bearings that no longer wash out.

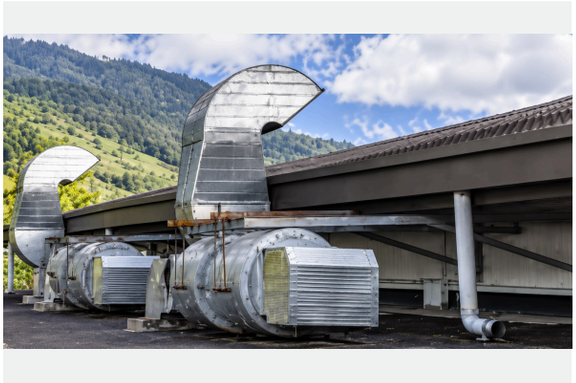
28. SL WPG Aquatherm

WATER-WASHOUT RESISTANT · TO 230 °C · 0–1000/1500 RPM

Why grease water-pump bearings with SL WPG Aquatherm?

A) Best-in-World Technology: The world's best 100% synthetic water-pump grease — polymer-reinforced against washout, non-melting.

B) Unique Customer Gain: No bearing failures even if the seals fail — cooling-tower pumps, raw-water pumps, any bearing in contact with water; lubrication cost falls.



ID and FD fan bearings held stable at temperature and speed.

29. Synthox HT

HIGH-TEMPERATURE + HIGH-SPEED · TO 200 °C · 0–2500 RPM

Why lubricate fans and blowers with Synthox HT?

A) Best-in-World Technology: The world's best 100% synthetic HT grease for fans and blowers — double protection: synthetic base plus micronised MoS_2.

B) Unique Customer Gain: ID and FD fans, blower and exhaust fan **bearings survive severe shock loads** — greasing frequency drops.

A gear coupling that holds its grease under shock load.

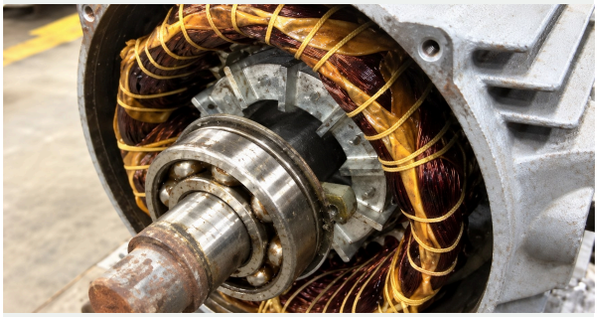
30. SL 123R Unitherm

HIGH-LOAD · TO 250 °C · 0–2000 RPM

Why use SL 123R Unitherm on gear couplings and high-load bearings?

A) Best-in-World Technology: The world's best 100% synthetic high-load grease — it will not leak out; takes shock load and extreme pressure.

B) Unique Customer Gain: Gear couplings, billet feeders, planetary mixers, sugar-mill fibrizers and mining machinery **run longer on less grease.**



HT motor bearings greased with no migration into the windings.

31. Superquiet 100

HT MOTOR GREASE · TO 180 °C · 0–3000 RPM

Why lubricate HT electric-motor bearings with Superquiet 100?

A) Best-in-World Technology: The world's best 100% synthetic HT motor grease — it will not migrate into the windings; PTFE-fortified.

B) Unique Customer Gain: HT motors in ETP plants, heavy machinery and hot, wet areas — **no grease-caused failure, no rewinds.**

Crane ropes lubricated to the core, against snapping.

32. SL WR2 Wiretherm

SYNTHETIC WIRE-ROPE LUBRICANT · TO 200 °C

Why lubricate wire ropes with SL WR2 Wiretherm?

A) Best-in-World Technology: The world's best 100% synthetic wire-rope lubricant — prevents wear, internal rusting and snapping; penetrates to the core; bitumen-free, never hardens.

B) Unique Customer Gain: **Safety against rope snapping** — crane ropes last longer, fail safe.

Mineral-based penetration right into the rope core.

33. 70202 Super Wire Rope

MINERAL-BASED WIRE-ROPE LUBE · TO 150 °C

Why choose 70202 Super Wire Rope where a mineral base is preferred?

A) Best-in-World Technology: Fast wetting penetrates to the wire cores — bitumen-free, MoS_2-fortified.

B) Unique Customer Gain: **Ropes protected from internal rusting** — at mineral-oil economics.

34. Siltec HD

Elastomer seals preserved, not swollen.

O-RINGS & RUBBER SEAL PRESERVATIVE · TO 205 °C

Why preserve O-rings and rubber seals with Siltec HD?

A) Best-in-World Technology: 100% synthetic non-melting rubber preservative — water, steam and chemical resistant; 30 kV/mm dielectric.

Also available: #8035 RC Rubber Care.

B) Unique Customer Gain: O-rings, gaskets and seals last longer — failures prevented, safety enhanced.

A threaded joint sealed positively, without tape.

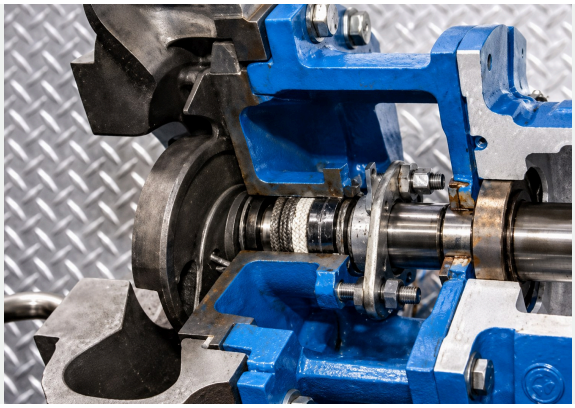
35. Teflox HD

LEAK-PROOF THREAD SEALING · TO 345 °C

Why seal threaded joints with Teflox HD instead of PTFE tape?

A) Best-in-World Technology: Micro-refined PTFE in a non-melting base — 100% positive sealing on any threaded joint. Superior to PTFE tape.

B) Unique Customer Gain: No leaking threads or flange seals — doubles as gasket parting compound.



Gland packing dressed in place; the shaft is protected.

36. Glandex EP

HIGH-LOAD GLAND DRESSING PASTE · TO 400 °C

Why dress gland packing with Glandex EP?

A) Best-in-World Technology: High-load gland dressing paste applied over existing packing — free of heavy metals, sulphur, lead.

B) Unique Customer Gain: Shaft damage and leakage prevented — no dismantling.

A hot-service stud that will still come apart.

37. Protec Cu-HT

MOLY-COPPER ANTI-SEIZE · −54 °C TO +1200 °C

Why use Protec Cu-HT on hot-service threads and fittings?

A) Best-in-World Technology: Moly-copper anti-seize, −54 °C to +1200 °C — prevents galling, seizing, rusting; highly heat resistant, non-melting.

B) Unique Customer Gain: Studs, bolts and fittings come apart every shutdown — 100% reliable.

A press-fit bearing race assembled without scouring.

38. Molytec EP

MOLY-GRAPHITE ANTI-GALLING ASSEMBLY PASTE · TO 450 °C

Why use Molytec EP on press fittings and moving joints?

A) Best-in-World Technology: Moly-graphite assembly paste — excellent load capacity; protects against fretting and cold welding.

B) Unique Customer Gain: Bearings, wheels and slideways press together smoothly — **no seizing, wear or stick-slip, no assembly breakage.**

06 BULK CLEANERS & SURFACE PREPARATION

07 PRODUCTS

Nothing bonds to dirt. Every coating, wrap and putty downstream starts here.

Industrial floors and machinery cleaned from a single concentrate.

39. #Z101 Alpha 3

GENERAL-PURPOSE HEAVY-DUTY AQUEOUS CLEANER

Why use Alpha 3 as the plant's general-purpose cleaner?

A) Best-in-World Technology: Concentrated heavy-duty aqueous cleaner, neutral in use — machinery, parts and industrial floors.

B) Unique Customer Gain: **One concentrate covers the plant** — 1:100 light, 1:30 medium, 1:5 heavy.

Ferrous parts degreased and left flash-rust free.

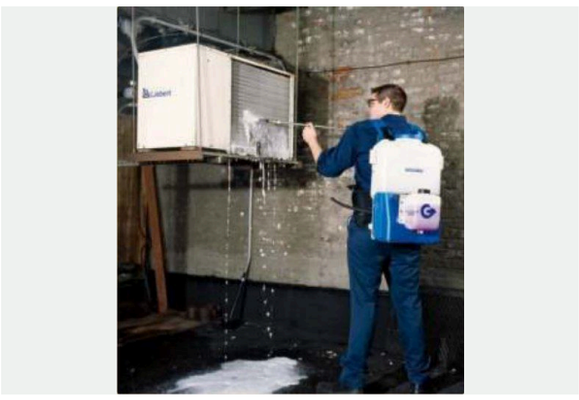
40. #Z101(A) Alpha 5

ANTI-RUST AQUEOUS CLEANER

Why degrease ferrous surfaces with Alpha 5 rather than a plain cleaner?

A) Best-in-World Technology: Heavy-duty rust-inhibited aqueous cleaner, near neutral — a dry transparent film gives short-term rust prevention on ferrous surfaces; biodegradable.

B) Unique Customer Gain: **Parts come out clean and stay clean** until the next operation.



AC coils and fins cleaned without etching the aluminium.

41. #Z102 Cleanaire 1200

PAINT & ALUMINIUM SAFE CLEANER

Why clean painted machinery, AC coils and fins with Cleanaire 1200?

A) Best-in-World Technology: Paint- and aluminium-safe cleaner — inhibited, soft-metal safe; high-foaming, free-rinsing; no butyl, phosphate or caustic.

B) Unique Customer Gain: **AC coils, fins and machinery cleaned at high dilution** — safe on plastics.

Cardium compound and tar stripped from open gears.

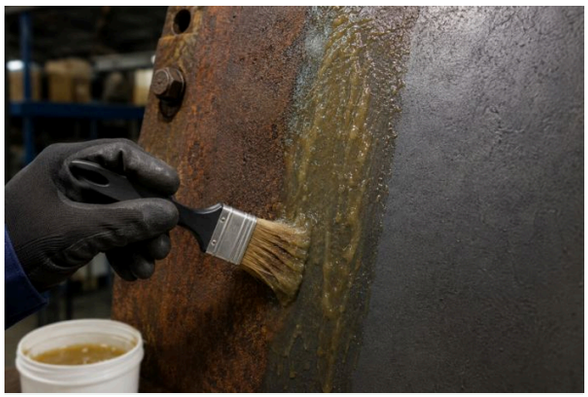
42. #Z109 Neugenic 4175

THICK, HEAVY DEPOSITS · OPEN GEARS

Why remove solidified deposits with Neugenic 4175?

A) Best-in-World Technology: Non-petroleum semi-aqueous cleaner removes solidified oil, cardium compound, tar and asphalt.

B) Unique Customer Gain: Open gears and heavy machinery stripped clean — concentrate to 1:30.



Rust, oxidation and stain lifted by a hand-applied acid gel.

43A. #Z111 AC-500 Gel Grade

FAST RUST CLEANING · NON-FUMING

Why clean rust and stains with the AC-500 gel grade?

A) Best-in-World Technology: Non-fuming phosphoric-acid gel — rapid rust and stain removal from metal, concrete and tile.

Also available: water-dilutable Dip Grade.

B) Unique Customer Gain: Spare parts, machinery and equipment bodies — **apply, wait 10–60 minutes, wash off;** no acrid fume.

Rust converted to a sealed blue-black film — the proof that it worked.

43B. #Z704 RUSTEX + #2040(A) Rust Sealer

RUST CONVERTER CUM PRIMER · THE BASE UNDER EVERY SYSTEM

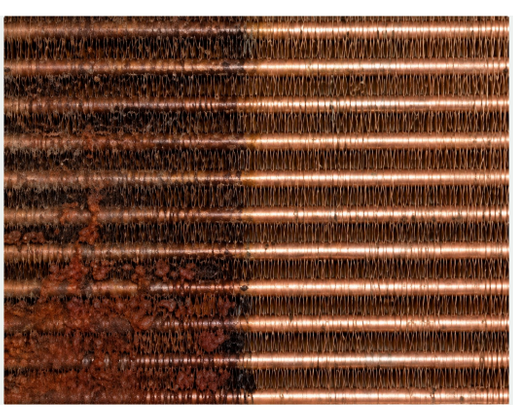
Why convert rust with Z704 RUSTEX rather than paint over it?

A) Best-in-World Technology: Rust converter cum primer — converts rust into a polymer-protected organo-metallic complex; 200 hours' salt spray post conversion; prevents further rust creepage, prepares the surface for paints and coatings.

★ Z704 RUSTEX BASE · 2× LIFE

2026 upgrade — Z704 RUSTEX–NMB (TriArmor): 500+ hours salt spray with epoxy topcoat; around 2× life for every system on it.

B) Unique Customer Gain: Pump casings, pipelines, boilers, tanks and spares stored outside — years more life, and **every coating over them lasts longer.**



Scale and rust off copper fin tube — safely, with no acrid fume.

44. #Z112 Acidifoam

ALUMINIUM, COPPER & SKIN SAFE ACID CLEANER

Why descale with Acidifoam instead of raw hydrochloric acid?

A) Best-in-World Technology: Complexed "safe" hydrochloric-acid cleaner — more aggressive than phosphoric, no acrid fumes, gentle on skin.

B) Unique Customer Gain: Scale and rust off faster — free rinsing, no phosphate effluent.

Heavy scaling circulated out of an exchanger — no strip-down.

45. #Z118 EQC-10

HEAVY-DUTY RUST & SCALE REMOVER

Why circulate EQC-10 through exchangers, condensers and jackets?

A) Best-in-World Technology: Liquid acid scale remover for exchangers, condensers and jackets — non-flammable, non-fuming.

B) Unique Customer Gain: Complex equipment cleaned without disassembling — heavy scaling and rust circulated out of heat exchangers and heavy engine radiators.

07 LOW-HEAT REPAIR WELDING

07 PRODUCTS

Defect-free repairs at the industry's lowest heat input — first time in India.

A heavy MS casting repaired — defect-free, on rusty, dirty steel.

46. Super Stanalloy ST 22

MS & CARBON-STEEL REPAIR

Why weld mild-steel and carbon-steel repairs with ST 22?

A) Best-in-World Technology: First time in India — defect-free MS repairs. Ultra-low hydrogen, no hydrogen-induced cracking; self-lifting slag; spatter-free arc; all-position.

B) Unique Customer Gain: No porosities even on rusty, dirty MS — right the first time.

Manganese-steel liners rebuilt without cracking.

47. Super Stanalloy EM 35

MANGANESE STEEL & HIGH-IMPACT REPAIR

Why use EM 35 on manganese steel and high-impact repairs?

A) Best-in-World Technology: First time in India — defect-free Mn-steel and high-impact repairs; joins Mn steel to carbon steel; strong, tough deposits with out-of-position capability.

B) Unique Customer Gain: The ductile deposit will not crack — crushers and liners back in service.

A die-steel component repaired with no HAZ cracking.

48. Super Stanalloy DS 34

UNKNOWN, DISSIMILAR, DIE, FORGED & CAST STEELS

Why hold DS 34 for repairs on steels nobody can identify?

A) Best-in-World Technology: First time in India — defect-free repairs of unknown, dissimilar, die and cast steels; ferrite-balanced chemistry gives crack-free weld deposits on HAZ-prone steels.

B) Unique Customer Gain: Tough, high crack resistance, all-position — the emergency electrode when the metal is unknown and the machine has to run.

A cast-iron cylinder head welded cold — no oven, no distortion.

49. Super Stanalloy FN 62

CAST-IRON REPAIR WITHOUT PRE-HEATING

Why repair cast iron with FN 62 rather than pre-heating the casting?

A) Best-in-World Technology: First time in India — defect-free cast-iron repairs without pre-heating; highest tensile strength in class, lowest heat input; high resistance to oil and grease contamination.

B) Unique Customer Gain: It will not crack — heads and housings repaired on the machine, **no oven, no distortion.**

An emergency high-temperature repair — no PWHT required.

50. Super Stanalloy TC 42

UNIVERSAL & HIGH-TEMPERATURE EMERGENCY REPAIR

Why keep TC 42 for emergencies on any unknown metal combination?

A) Best-in-World Technology: First time in India — one defect-free electrode for any unknown combination; strong, tough deposits with strength under thermal cycling; no PWHT.

B) Unique Customer Gain: **All ferrous metals joined with no re-work** — exactly when downtime is the issue.

A clean U-groove gouged at low amperage and low HAZ.

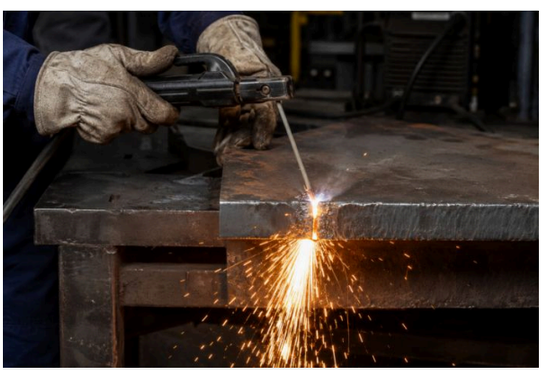
51. Super Stan Gouge

LOW-AMPERAGE GOUGING

Why prepare the groove with Super Stan Gouge before the repair begins?

A) Best-in-World Technology: 100% defect-free gouging at low amperage and low HAZ — white smoke shows cracks as you gouge.

B) Unique Customer Gain: Superb U-grooves, minimal cleaning — **the defect fully removed before the weld.**



Any metal cut with a stick electrode — low HAZ, no gas set.

52. Super Stan Cut

LOW-AMPERAGE CUTTING

Why cut with Super Stan Cut instead of setting up gas?

A) Best-in-World Technology: 100% defect-free cutting at low amperage and low HAZ — easy cutting, no electrode overheating to the end; any metal.

B) Unique Customer Gain: **Cut any metal off the same welding set** — no gas cylinders, no permit chain.

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Performance figures are from in-house testing, published technical data sheets and independent corrosion research. Application data, coverage and service life depend on substrate condition, surface preparation and site conditions.

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