

PRODUCTS  
AND TECHNOLOGIES  
FOR CARBON STEEL  
COILS.

WITH AN ATTENTIVE  
EYE TO NATURE.



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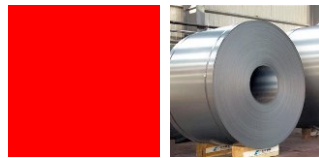
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## CHEMICAL PRODUCTS AND TECHNOLOGIES FOR CARBON STEEL COILS

### PICKLING



#### CONDORHIBIT SAFE SC28 - SAFE S7

CORROSION INHIBITOR FOR HOT PICKLING BATHS USING HYDROCHLORIC ACID (SAFE SC 28) OR SULPHURIC ACID (SAFE S7). FORMALDEYDE GENERATING SUBSTANCES FREE FORMULATIONS

#### CONDORHIBIT E11

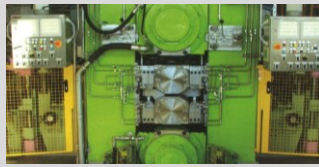
RINSE INHIBITOR TO ADD TO RINSE WATER TO AVOID OXIDATION ON PICKLED MATERIAL EVEN IN CASE OF SLOW DOWN OF THE LINE. IT IS FORMALDEYDE GENERATING SUBSTANCES FREE FORMULATION

**RESIBED** :ACID RETARDATION FOR PICKLING BATHS REGENERATION

**PEROXY STEEL**: CATALYTIC OXIDATION FOR PRODUCTION OF FERRIC CHLORIDE FROM SPENT PICKLING BATHS

**CRYSTAL**: CRYSTALLIZATION UNIT FOR REGENERATION OF PICKLING BATHS USING SULPHURIC ACID.

### ROLLING OIL SKINPASS AND TEMPER MILL



#### CONDORLUBE TP 2500 - TP 2800

SYNTHETIC TEMPER FLUID WITH ANTIOXIDIZING CHARACTERISTICS - TP 2500 FOR LOW ELONGATION (MAX 2%); OR - TP 2800 FOR HIGH ELONGATION (2-7%).

#### CONDORLUBE SK 5000

SKINPASS DETERGENT-LUBRICANT WITH ACTIVE FORMULATION FOR REMOVING ZINC OXIDES. COMPATIBLE WITH THE MOST IMPORTANT PASSIVATION PRODUCTS CURRENTLY IN USE

#### CONDOR ROLL 4003

COLD ROLLING OIL FOR CARBON STEELS FOR REVERSIBLE SYSTEMS

#### CONDOR ROLL TM 100

SEMI SYNTHETIC LUBRICANT, SPECIFICALLY DESIGNED FOR REVERSING COLD ROLLING MILLS. THE PRODUCT CONTAINS A HIGHLY PURIFIED SYNTHETIC ESTER BASE, WHICH HAS EXCELLENT VOLATILITY IN ANNEALING PROCESS, HAS HYDROLYTIC STABILITY AND LEAVES LOW STRIP RESIDUALS

#### CONDOR ROLL HD 01

SEMI SYNTHETIC LUBRICANT SPECIFICALLY DESIGNED FOR REVERSING COLD ROLLING MILLS. THE PRODUCT EXPLOITS H.D. (HIGH DISPERSION) TECHNOLOGY WHICH ALLOWS RELATIVELY LARGE OIL DROPLET SIZE EMULSIONS (10 TO 20 µM) TO REMAIN HOMOGENEOUS UNDER MILD AGITATION CONDITIONS

**SEPAR**: ULTRAFILTRATION UNIT FOR TREATMENT OF SPENT EMULSIONS

**BLADE MUD**: DECANTATION - COALESCENCE OIL REMOVAL UNIT TO PURIFY EMULSIONS AND SOLUTIONS

### DEGREASING



#### CONDORINE SG 511 N

MILD ALKALINE DEGREASER TO BE USED AT MEDIUM LOW TEMPERATURE IT DOES NOT SAPONIFY ROLLING OILS OF ANIMAL OR VEGETAL NATURE AVOIDING FOAM FORMATION

#### CONDORINE SG 503 AL

MILD ALKALINE DEGREASER, IT IS USED TO CLEAN THE SURFACES FROM OIL AND ZINC OXIDES

#### CONDORINE SG 513 AL

ALKALINE DEGREASER FOR CHEMICAL AND ELECTROLYTIC DEGREASING LINES

#### CONDORINE SG 504 AL

HIGH PERFORMING PRODUCT USED FOR CHEMICAL AND ELECTROLYTIC DEGREASING

**MINERVA**: ULTRAFILTRATION FOR DEGREASING BATHS REGENERATION

**BLADE MUD**: DECANTATION - COALESCENCE OIL REMOVAL UNIT TO PURIFY EMULSIONS SOLUTIONS

### ELECTRICAL STEEL



#### CONDORCOAT MG 820

MIXTURE OF MAGNESIUM OXIDES AND SLIDING ADDITIVES THAT ALLOW TO FORM A MAGNESIUM-SILICATE INSULATING COATING MEETING ASTM C2 STANDARD

#### CROMCOAT EI 2020

CHEMICAL USED TO PRODUCE AN HEXAVALENT CHROMIUM AND ALUMINIUM SALTS INSULATING COATING

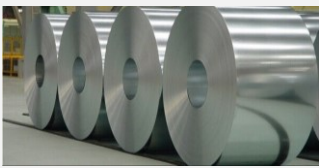
#### CROMCOAT EI 2025

SAME AS EI 2020 BUT WITH COLLOIDAL SILICA IN THE FORMULA.

**MGO PREMIXER**: EQUIPMENT FOR THE DISPERSION AND FEEDING OF MGO AND TI SALTS TO THE COATERS

CONDOROIL CHEMICAL, FOCUSED ON SURFACE TREATMENT FOR MORE THAN 40 YEARS, PROPOSES A SERIES OF INNOVATIVE AND HIGH PERFORMING PRODUCTS FOR CARBON STEEL, ZINC COATED AND PAINTED COILS. HERE YOU WILL FIND A SELECTION OF THE MAIN PRODUCTS.

### PROTECTION



#### CONDORCOAT S3000

WATER BASED PROTECTIVE AGENT, THE METAL DOES NOT REQUIRE ANY DEGREASING BEFORE TO BE PAINTED

#### CONDORHIBIT C 60

PROTECTIVE OIL, SYNTETIC BASED FORMULA, TO BE USED TO PRESERVE PICKLED, ROLLED AND HOT DIP GALVANIZED COIL

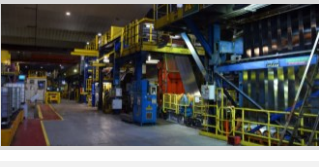
#### CONDORHIBIT DC 10

PROTECTIVE OIL, SYNTETIC BASED FORMULA, TO BE USED TO PRESERVE PICKLED SURFACES. THE PRODUCT IS COMPATIBLE WITH FOLLOWING ROLLING OPERATIONS

#### CONDORHIBIT TP100

PROTECTIVE OIL, SYNTETIC BASED FORMULA, TO BE USED ON PICKLED, HOT DIP GALVANIZED, ELECTRO GALVANIZED AND COLD ROLLED COILS. SUITABLE FOR SEA TRANSPORTATION AND IN CASE OF ADVERSE ENVIRONMENTAL CONDITIONS

### ELECTRICAL TINNING



#### CONDORINE SG 597 AL

ALKALINE DEGREASER FOR THE PREPARATION OF SURFACES FOR ELECTROLYTIC TINNING PROCESSES. THE FORMULATION CAN BE ACTIVATED WITH A PRE DIP STEP FOLLOWED BY CONDORINE 564 N

#### CONDORITE 795 AC

LEVELING AGENT BASED ON 65% PHENOLSULFONIC ACID WITH A PHENOL CONTENT OF LESS THAN 1%

#### CROMCOAT CR 609

PASSIVATING AGENT FOR TINPLATE BASED ON HEXAVALENT CHROME (CrO<sub>3</sub> 400 g/l)

### ELECTRO GALVANIZING



#### CONDORITE 752

BUFFERED ACID PICKLING USED TO REMOVE IRON OXIDATIONS. NO ETCHING OF THE GALVANIZED SUBSTRATES ON ONE SIDE MATERIAL

#### ACTIVATOR CL 5

LIQUID ACTIVATOR BASED ON TITANIUM SALTS

#### CONDORFORS KT 48

TRICATIONIC ONE COMPONENT PHOSPHATING CONVERSION COATING, FREE OF NICKEL SALTS

#### CONDORHIBIT 1165

DRY IN PLACE NEUTRALIZING-PASSIVATING FOR TEMPORARY PROTECTION OF STEEL - GALVANIZED STEEL SUBSTRATES.

#### CONDORCOAT ZN 710

ECO-FRIENDLY PASSIVATING AGENT FOR ELECTROGALVANIZED/PHOSPHATED COILS

#### CONDORLUBE S 420

ALKALINE DRY LUBRICANT, INORGANIC BASED FORMULA, FOR METAL FORMING

### HOT DIP GALVANIZING



#### CROMCOAT CR 651

PASSIVATING AGENT BASED ON A MIX OF TRIVALENT AND HEXAVALENT CHROMIUM FOR PASSIVATION OF HOT DIP GALVANIZED .

#### CROMCOAT CR 644 - CR 646 - CR 647

PASSIVATING AGENT BASED ON TRIVALENT CHROMIUM FOR PASSIVATION OF HOT DIP GALVANIZED SUBSTRATES. CR 646: HIGH CR CONCENTRATION; CR 647: SILICA ADDED

#### CROMCOAT CR 615

PASSIVATING AGENT BASED ON TRIVALENT CHROME WHICH GUARANTEES AN EXCELLENT PROTECTION OF THE HIGH ALLUMINIUM ALLOYS COATING AND FOR ALUMINIZED STEEL

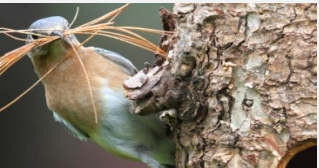
#### CONDORCOAT CF 660

NEW CHROME FREE PRODUCT FOR THE PASSIVATION OF HOT DIP GALVANIZED SUBSTRATES

#### FEEDER

EQUIPMENT FOR THE AUTOMATIC DILUTION AND FEEDING OF THE CHEMICALS TO THE COATERS

### MAINTENANCE



#### CLEANER S: CLEANING OF TANKS AND NOZZLES

ACIDIC PRODUCT USED TO CLEAN THE TREATMENT TANKS AND NOZZLES. THE PRODUCT IS ALSO USED TO REMOVE SCALE FROM HEAT EXCHANGERS.

#### CLEANER SV: CLEANING OF HEAT EXCHANGERS IN PAINT QUENCH WATER

ALKALINE PRODUCT USED TO CLEAN THE HEAT EXCHANGERS USED TO COOL DOWN THE PAINT QUENCH WATER.

#### CONDORLUBE LR115: ROLL CYLINDER RECTIFICATION

SYNTHETIC HYDROSOLUBLE LUBROCOOLANT FOR CYLINDER RECTIFICATION.

#### CLEANER: CLEANING OF HEAT EXCHANGERS

ACID PRODUCT FREE OF HYDROCHLORIC ACID FOR DESCALING OF PIPING, TANKS AND HEAT EXCHANGERS