





Steel Product Line

Part					
Provide section and sides in billing and sides in	PRODUCT	TECHNOLOGY APPLICATION CASTING	HOT ROLLING PICKLING COLD ROLLING TIN ROLLING TIN PLATING TEMPERING OILER GALYANIZING	BENEFITS CONTRACTOR OF THE PROPERTY OF THE PRO	
CLEANERS High solids and aliabilities	CASTING LUBRICANTS				
Control Control Provided Pr	QUACAST®	Fully refined, treated, non-petroleum based mold lubricant		Provides excellent surface finish to billets and slabs; burns cleanly without forming varnish or sludge-like residues	
Montable Management Manag	CLEANERS				
OURSE PROBLING Mary approach Degreeser Ceneral All Purpose Mantenance Cenarie Column Colum	QUAKERCLEAN®	High solids and alkaline	• •	Balanced detergency and high performance at low concentrations; foam control for a wide temperature range, increased bath life and reduced cost	
COLD ROLLING OILS QUERTY Springly Springly, Seminythries and matural exters Suphasely, Seminythries, Seminythries, Suphasely, Seminythries, Seminyth	ACID CLEAN™	Acid based	•	Low operating concentrations, provides excellent rinsing properties under various water conditions, capable of removing a variety of constituents	
Order productify; improved clearlines, reduced consumption, imprived on this and reduced waste treatment concerns Order productify; improved clearlines, reduced consumption, imprived roll filts, and reduced waste treatment concerns Order productify; improved clearlines, reduced consumption, imprived roll filts, and reduced waste treatment concerns Order productify; improved clearlines, reduced consumption, imprived roll filts, and reduced waste treatment concerns Order production or substrate, substrate the concerns gailing deducts and marked support compounds generated by the childing protection and purposes. Order production or substrate, substrate the concerns in the clearlines substrates the self-improved clearlines, imprived clearlines, imprived protein filts, and reduced for downstream processes. ORDINATION OF SILL LIST FIRSOCOTIP 66.14.IS Mineral OI Mine	QUAKER FORMULA®	Multi-purpose Degreaser	General All Purpose Maintenance Cleaner	Safe in hazardous work areas, free rinsing with minimal surface residue, low alkalinity, reduced corrosivity, easy removal of grease and oils	
Exertine at remoting rating debits and saidated organic companies generated by the railing process FIRMICUTE* Gamberia, Semiperhoic and natural class CORROSSION PREVENTIVES FIRMICUTE* GLI I. Microri Gli Micr	COLD ROLLING OILS				
Designed to hardle the externe light gauges during tin cold milling, and maintain the cleanileses standards needed for deventherem processes Where IOI FIRECOLITE* GLUS Mineral OI For use or ferrous and non-ferrous surfaces, contains externe precurs and polar additives for tests EP labrication and add attrasphere protection, used at all mill speecles and can be standards or collect immediately also application QUARTER DEPOCRATE QUARTER DEPOCRA	QUAKER QUAKEROL®	Synthetic, Semisynthetic and natural esters	• •	Greater productivity, improved cleanliness, reduced consumption, improved roll life, and reduced waste treatment concerns	
CORROSION PREVENTIVES FERROCITY GRILLS Mineral OI M	QWERL®	Solution/ Oil-based Emulsion/ Solvent	•	Excellent at removing rolling debris and oxidized organic compounds generated by the rolling process	
Protects against humidity and socidic atmospheres, non-staining. Excellent resistance to stain and various, vessells, single product to protect many modals Increased humidity protection in mone humid and higher temperature climates, increased robustness to set temper carry through, approved by GIA, First, Chrysler, Vissoan, Missalpsish FERRODITE* MAJ. HO. 1 Mill Applied Labricant QUARTER PROTOFE* Dy Film Labricant Disciplinaria (Indiana)	TINNOL™	Synthetic, Semisynthetic and natural esters	• •	Designed to handle the extreme light gauges during tin cold rolling, and maintain the cleanliness standards needed for downstream processes	
FERROCOTE® 60.1 Mineral Oil Increased humidity protection in more humid and higher temperature climates, increased robustness to wet-temper carry through, approved by GM, Ford, Chyslec-Nissan, Mistushobin FERROCOTE® MA, HICL 1 Mil Applied Lubricant	CORROSION PREVENTIVES				
For use on ferrous and room ferrous surfaces, contains extreme pressure and polar additives for both IP labrication and acid atmosphere protection, used at all mill appeals and can be stacked or colleal inmediately after application QUINTER PRODITE* QUINTER QU	FERROCOTE® 61A US	Mineral Oil	• • • •	Protects against humidity and acidic atmospheres, non-staining. Excellent resistance to stain and varnish, versatile, single product to protect many metals	
Counted Date Counter (Language Counter)	FERROCOTE® EGL 1	Mineral Oil	• • • •	Increased humidity protection in more humid and higher temperature climates, increased robustness to wet-temper carry through, approved by GM, Ford, Chrysler, Nissan, Mitsubishi	
SPECIALTY GREASES QUAKERTER** AX Mineral Oil Aluminum Complex	FERROCOTE® MAL HCL 1	Mill Applied Lubricant	• • •		
CUMKETIEK*** X Mineral Oil Audminum Complex	QUAKER DRYCOTE®	Dry Film Lubricant	• •	Superior corrosion/stain protection, excellent lubrication properties, efficient destacking of blanks, no heavy metals or chlorine, compatible with downstream processes	
CQUAKERTEK** U. Mineral Oil and Synthetic Hydrocarbon Lithium Complex QUAKERTEK** E. Mineral Oil Calcium Sulfonate CQUAKERTEK** E. Mineral Oil Calcium Sulfonate CQUAKERTEK** E. Mineral Oil Calcium Sulfonate CQUAKERTEK** E. Mineral Oil Polyurea CQUAKERTEK** E. Mineral Oil Polyurea CQUAKERTEK** E. Mineral Oil Polyurea CQUAKERQUAKERQU** Bis series QUAKERQUAKERQU** Water based Solution/ Oil-based Emulsion/ Solvent PICKLE OILS QUAKERQU** QUAKERQU** QUAKERQU** QUAKERQU** QUAKERQU** QUAKERQU** QUAKERQU** QUAKERQU** Quakerquaker	SPECIALTY GREASES				
QUAKERTER** ELU QUAKEROL** Mineral Oil Calcium Sulfonate Compatible with lithium and lithium complex greases, gives excellent corrosion protection and operates in a broad range of service temperatures Compatible with lithium and lithium complex greases, gives excellent corrosion protection and operates in a broad range of service temperatures Reduced or no cleaning of headers and nozzles; extended roll life; greater energy reductions, and improved back-up and work roll life PICKLE OILS QUAKER QUAKEROL** Valer-Bused Solution/ Oil-based Emulsion/ Solvent PRIMECOAT** Reavoiled not Trivalent Passivates/ Thin Organic Coatings (TOC) Superior corrosion protection, excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; embanced lubrication properties; fully transparent appearance TEMPER FLUIDS QUANTILL BRICK* Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality - less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environmental life environmentally friendly Fire-resistant global formulation that provides excellent shear stability, best-in-class coidation stability, and is environmentally friendly	QUAKERTEK™ AX	Mineral Oil Aluminum Complex	• • • •	Excellent resistance to water washout; high temperature performance; superior rust and corrosion protection; excellent EP protection for heavy loading, and excellent film strength	
QUAKER QUAKE PLUING OILS QUAKER QUAKER QUAKE PLUING OILS QUAKER	QUAKERTEK™ LX	Mineral Oil and Synthetic Hydrocarbon Lithium Complex	• • • •	Excellent resistance to water washout; superior rust and corrosion protection; outstanding protection at high temperatures; excellent film strength & EP protection for heavy loading	
HOT ROLLING OILS QUAKER QUAKEROL® HB Series Synthetic cationics and water based long product compounds Reduced or no cleaning of headers and nozzles; extended roll life; greater energy reductions, and improved back-up and work roll life PICKLE OILS QUAKER QUAKEROL® Water-based Solution/ Oil-based Emulsion/ Solvent Protects the active steel surface from oxidation, staining, and discoloration. Prevents scratching/gouging that can occur during coiling and enhances burn-off in annealing SURFACE TREATMENTS PRIMECOAI™ Hexavalent and Trivalent Passivates/ Thin Organic Coatings (TOC) Superior corrosion protection; excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; enhanced lubrication properties; fully transparent appearance TEMPER FLUIDS QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality - less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS GUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	QUAKERTEK™ CS	Mineral Oil Calcium Sulfonate	•	Exceptional lubricity, thermal stability, corrosion protection and good water washout resistance	
QUAKER QUAKERQL® HB Series Synthetic cationics and water based long product compounds Reduced or no cleaning of headers and nozzles; extended roll life; greater energy reductions, and improved back-up and work roll life PICKLE OILS QUAKER QUAKERQL® Water-based Solution/ Oil-based Emulsion/ Solvent Passivates/ Thin Organic Coatings (TOC) Superior corrosion protection; excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; enhanced lubrication properties; fully transparent appearance TEMPER FLUIDS QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; greater energy reductions, and improved back-up and work roll life Superior corrosion protects the active steel surface from oxidation, staining, and discoloration. Prevents scratching/gouging that can occur during coiling and enhances burn-off in annealing Superior corrosion protection; excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; enhanced lubrication properties; fully transparent appearance TEMPER FLUIDS QUENTO Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality - less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	QUAKERTEK™ EU	Mineral Oil Polyurea	• •	Compatible with lithium and lithium complex greases, gives excellent corrosion protection and operates in a broad range of service temperatures	
PICKLE OILS QUAKER QUAKEROL® Water-based Solution/ Oil-based Emulsion/ Solvent ● Protects the active steel surface from oxidation, staining, and discoloration. Prevents scratching/gouging that can occur during coiling and enhances burn-off in annealing SURFACE TREATMENTS PRIMECOAT™ Hexavalent and Trivalent Passivates/ Thin Organic Coatings (TOC) Superior corrosion protection; excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; enhanced lubrication properties; fully transparent appearance TEMPER FLUIDS QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent ● Extended roll life; improved strip quality - less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS QUINTOLLUBRIC® 888 Series HFD-U: polyol ester ● Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	HOT ROLLING OILS				
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SURFACE TREATMENTS PRIMECOAT™ Hexavalent and Trivalent Passivates/ Thin Organic Coatings (TOC) Superior corrosion protection; excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; enhanced lubrication properties; fully transparent appearance TEMPER FLUIDS QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality – less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS QUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	PICKLE OILS				
PRIMECOAT™ Hexavalent and Trivalent Passivates/ Thin Organic Coatings (TOC) Superior corrosion protection; excellent adhesion properties with organic coatings and paints; fluoride-free and chromium(VI)-free; simple application at a low drying temperature; enhanced lubrication properties; fully transparent appearance TEMPER FLUIDS QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality – less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS QUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	QUAKER QUAKEROL®	Water-based Solution/ Oil-based Emulsion/ Solvent	•	Protects the active steel surface from oxidation, staining, and discoloration. Prevents scratching/gouging that can occur during coiling and enhances burn-off in annealing	
TEMPER FLUIDS QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality – less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS QUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	SURFACE TREATMENTS				
QWERL® Water-based Solution/ Oil-based Emulsion/ Solvent Extended roll life; improved strip quality – less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment HYDRAULIC FLUIDS QUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	PRIMECOAT™	Hexavalent and Trivalent Passivates/ Thin Organic Coatings (TOC)	•		
HYDRAULIC FLUIDS QUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	TEMPER FLUIDS				
QUINTOLUBRIC® 888 Series HFD-U: polyol ester Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	QWERL®	Water-based Solution/ Oil-based Emulsion/ Solvent	•	Extended roll life; improved strip quality - less rolled dirt defects; premium corrosion prevention; high flash point and low odor for a safer work environment	
	HYDRAULIC FLUIDS				
QUINTOLUBRIC® 702-46 RD HFC: water glycol Superior liquid and vapor phase corrosion protection, has a high viscosity index, and excellent shear stability and chemcial thermal and hydrolytic stability	QUINTOLUBRIC® 888 Series	HFD-U: polyol ester	• • • • •	Fire-resistant global formulation that provides excellent shear stability, best-in-class oxidation stability, and is environmentally friendly	
	QUINTOLUBRIC® 702-46 RD	HFC: water glycol	• • • •	Superior liquid and vapor phase corrosion protection, has a high viscosity index, and excellent shear stability and chemcial thermal and hydrolytic stability	