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Steel
Product Line



Steel Product Line

PRODUCT		TECHNOLOGY		APPLICATION	CASTING	HOT ROLLING	PICKLING	COLD ROLLING	TIN ROLLING	TIN PLATING	TEMPERING	OILER	GALVANIZING	BENEFITS
CASTING LUBRICANTS														
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
CLEANERS														
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
ACID CLEAN™		Acid based					●							Low operating concentrations, provides excellent rinsing properties under various water conditions, capable of removing a variety of constituents
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
COLD ROLLING OILS														
QUAKER QUAKEROL®		Synthetic, Semisynthetic and natural esters						●	●					Greater productivity, improved cleanliness, reduced consumption, improved roll life, and reduced waste treatment concerns
QWERL®		Solution/ Oil-based Emulsion/ Solvent						●						Excellent at removing rolling debris and oxidized organic compounds generated by the rolling process
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
CORROSION PREVENTIVES														
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
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
FERROCOTE® MAL HCL 1		Mill Applied Lubricant									●	●	●	For use on ferrous and non-ferrous surfaces, contains extreme pressure and polar additives for both EP lubrication and acid atmosphere protection, used at all mill speeds and can be stacked or coiled immediately after application
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
SPECIALTY GREASES														
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
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
QUAKERTEK™ CS		Mineral Oil Calcium Sulfonate									●			Exceptional lubricity, thermal stability, corrosion protection and good water washout resistance
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
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														
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
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