# Aluminum Product Line

## Cleaners
- **QUAKLEEN®**
  - Technology: Alkaline and acid
  - Benefits: Excellent resistance to oxidation, high solvent recovery and compatible with wide operating parameters to maximize performance while reducing total process cost.

## Cold Rolling Additives
- **QUAKEROL®**
  - Technology: Fatty alcohol and methyl ester based additives to be incorporated with paraffinic base oils
  - Benefits: Selected additive optimized for specific alloy and gauge needs for individual mills. Additive package recyclable through fractional distillation.

## Corrosion Preventives
- **FERROCOTE®**
  - Technology: Mill applied lubricant
  - Benefits: Protects against humidity and acidic atmospheres, non-staining. Excellent resistance to stain and varnish, versatile, single product to protect many metals.

## D&I Lubricants
- **QUAKEROL®** Synthetic lubricating ingredients with surfactants and corrosion inhibitors
  - Benefits: Excellent lubrication and maximum protection against bleed-through.

## Fire Resistant Hydraulic Fluids
- **QUINTOLUBRIC® 888 Series**
  - Technology: HFD-U: polyol ester
  - Benefits: Global fire-resistant formulation that is FM approved and provides excellent shear stability and best-in-class fluid lifetime.

## Hot Rolling Oils
- **B SERIES™**
  - Technology: Mineral oil-based lubricant
  - Benefits: Formulated to provide the required lubricity and proven, proprietary emulsification performance for multi-stand hot tandem mills. The additives incorporated into this product facilitate achieving excellent surface quality and eliminates bite and refusal problems. This chemistry has been successfully employed on all mill configuration, providing outstanding surface quality and excellent productivity.

## Mold Lubricants
- **QUACAST®**
  - Technology: Fully refined, treated, non-petroleum based
  - Benefits: Enhanced protection and excellent surface finish and mold release with low smoking and odor.

## Specialty Greases
- **QUAKERTEK™ AX**
  - Technology: Aluminum complex
  - Benefits: Excellent extreme pressure (EP) protection for heavy loading and excellent film strength.

## Scalping Lubricants
- **QUAKEROL®** Synthetic polyol esters and petroleum oil lubricants
  - Benefits: High lubricity and increased tool life.

## References:
- For more details on these products, please refer to the manufacturer's technical bulletins and application guides.