

 TUBE AND PIPE

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quakerchem.com



Tube & Pipe
Seamless Product Line

Seamless Tube and Pipe Production

Integrated “front to back” approach. Metalworking process fluids and coating for each process of the tube manufacturing process.

Choosing Quaker seamless tube & pipe solutions benefits your business.

- » We have the history, products, experts and global presence to identify and solve your specific technical and business challenges
- » We understand the processes and applications inside and out – and can provide improvements in both product technology and application equipment
- » We can integrate your entire process – from casting, forming and finishing, to coating – maximizing your productivity while ensuring process and chemical compatibility

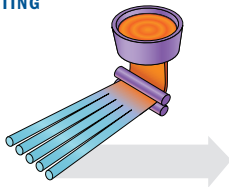
» We put environmental compliance and worker health and safety at the front of everything we do

» We utilize data-based decision making to analyze and improve your processes. Our extensive global database of tube and pipe applications allows us to capture and share best practices more effectively and efficiently

No one else brings you this depth of knowledge and resources. Quaker's global focus on the tube and pipe industry provides unmatched dedication and commitment to this industry. Our unique “front-to-back” portfolio of metalworking process fluids and coatings know-how differentiates us from the competition. We leverage this expertise and technology with global resources to provide

custom solutions at the local level. On the front end, our leading position in process fluids and specialty lubricants for steel mills provides synergies and benefits in the applications of fire resistant hydraulic fluids, specialty greases and hot forming and rolling lubricants for seamless pipe production. Further downstream, we lead the way with innovative metalworking fluids for higher performing pipe-threading applications and stringent finishing operations. At the back end, our coatings – including environmentally friendly solvent-based coatings, fast-drying, low-VOC, water-based coatings and UV coatings – can be customized to meet increasing market performance demands

CASTING



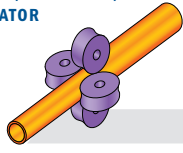
QUINTOLUBRIC® SERIES FIRE RESISTANT HYDRAULIC FLUIDS (FM APPROVED)

- » Nontoxic / Non hazardous
- » Biodegradable
- » Oxidation stability

QUAKERTEK™ SERIES HIGH PERFORMANCE GREASES

- » Resists water washout
- » Excellent corrosion protection
- » High temperature performance
- » Extended equipment life time

HOT PIPE LUBRICATION/ PIERCER/EXPANDER/ ELONGATOR



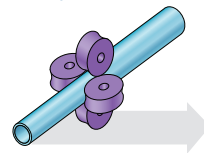
QUAKEROL® SERIES LUBRICANTS

- » Excellent lubrication
- » Extends roll life
- » Load reductions
- » Eliminates roll peeling
- » Low application rates and reduced consumption

QUAKERTEK® SERIES HIGH PERFORMANCE GREASES

- » Resists water wash out
- » Excellent corrosion protection
- » High temperature performance

SIZING/STRAIGHTENING/ CALIBRATION



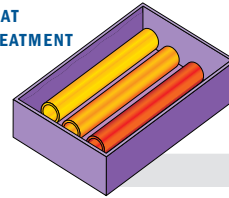
QUAKEROL® SERIES LUBRICANTS

- » Excellent lubrication
- » Extends roll life
- » Load reductions
- » Eliminates roll peeling
- » Low application rates and reduced consumption

QUAKERCOOL® SERIES COOLANTS

- » Good fines setting
- » Good detergency
- » Good lubrication

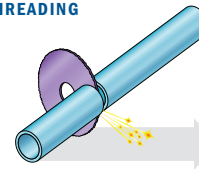
HEAT TREATMENT



QUINTOLUBRIC® SERIES FIRE RESISTANT HYDRAULIC FLUIDS (FM APPROVED)

- » Nontoxic / Non hazardous
- » Biodegradable
- » Oxidation stability

FINISHING/CUTTING/ THREADING



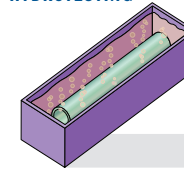
QUAKERCOOL® SERIES COOLANTS

- » Good cooling
- » Good lubrication
- » Extends tool life
- » High wetting ability
- » Offers temporary corrosion protection
- » Biostatic - Long sump life

QUAKERCUT® SERIES CUTTING FLUIDS

- » Good lubrication
- » Long tool life

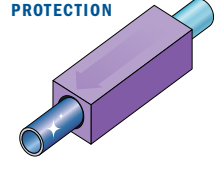
HYDROTESTING



QUAKERCOOL® SERIES COOLANTS

- » Good corrosion protection
- » Excellent tramp oil rejection properties
- » Excellent anti-white rust
- » High detergency and wetting
- » Offers temporary corrosion protection
- » Biostatic - Long sump life
- » Cost effective

CORROSION PROTECTION



FERROCOTE® SERIES CORROSION PREVENTIVES

- » Excellent corrosion protection
- » Good water displacement properties
- » Low residue
- » Easy to clean
- » Suitable for cold rolled, hot rolled, pickled, and galvanized

QUAKERCOAT® SERIES PROTECTIVE COATINGS

- » Water based
- » Solvent based
- » UV technology
- » Hybrid technologies
- » Environmentally friendly
- » Low VOC solvent based coatings
- » Zero VOC exempt solvent based coatings

A local partner you can depend on. Anywhere in the world.

Our staff is on the ground, on-site, in every region of the globe. That means our entire infrastructure (from R&D to manufacturing and beyond) is designed to support our customers at a local level, whether the customer is in one facility or spread across plants worldwide.

Put the right partner to work for you – at every step of the way to success. Contact Quaker today to improve your business from the inside.