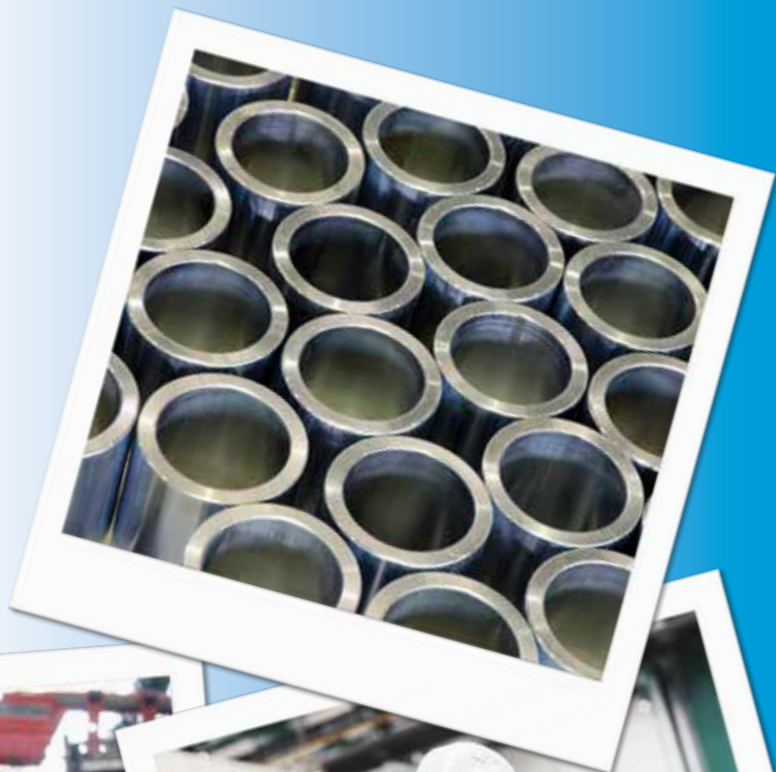


# Reactive Oils for Precision Tube Manufacturers



Chemetall offers a fully integrated, innovative, and optimized portfolio of products and technologies for tubing manufacturers. We have a comprehensive understanding of the challenges faced by producers.

We supply highly efficient and customized solutions for all process challenges. In addition, as part of our dedication to our customers and to sustainability, we offer advanced and original green options to reduce costs and environmental footprint.

## Increase your productivity

- + Extend die life.
- + Faster start-up.
- + Increase speed.
- + Decrease temperatures.
- + Lower sludge.
- + Reduce energy.

**BASF**  
We create chemistry

**Chemetall**  
expect more+

# Reactive Oils for Precision Tube Manufacturers

Modern tube manufacturing requires products and solutions that are efficient for cleaning, pickling, activating, and neutralizing. In the field of conversion coatings, high performance technologies based on zinc or zinc/calcium are available. These products are also available in nickel and nitrate-free versions. Energy-saving low temperature processes offer efficient, cost-effective, and environmentally responsible manufacturing, and benefit the downstream value chain.

Our reactive lubricants have become the global standard for high-quality tubes and surfaces:

- + Two-in-one process.
- + Conversion coating plus lubricant.
- + Easy to use.
- + Excellent surface quality.
- + Low roughness, clean after drawing, bright after annealing.

## Learn about Gardolube® RS, our full line of reactive oils to improve productivity and quality.

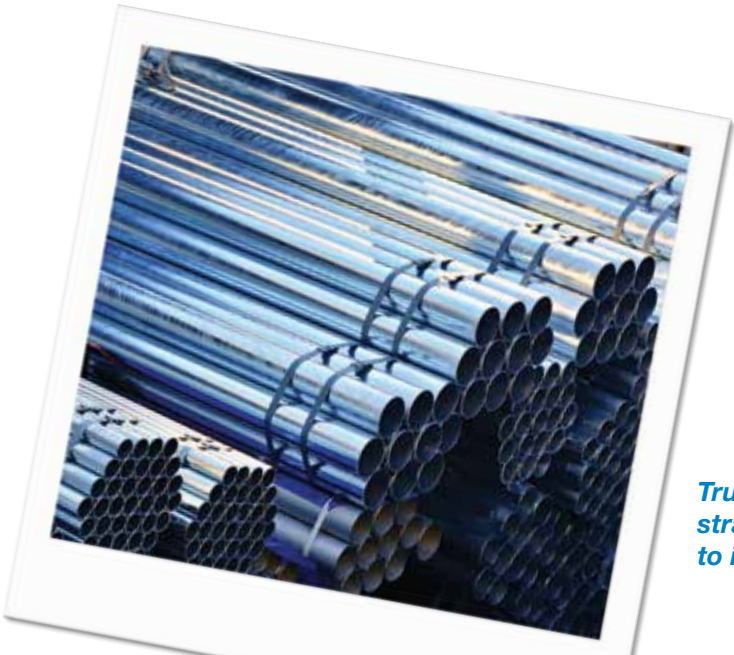
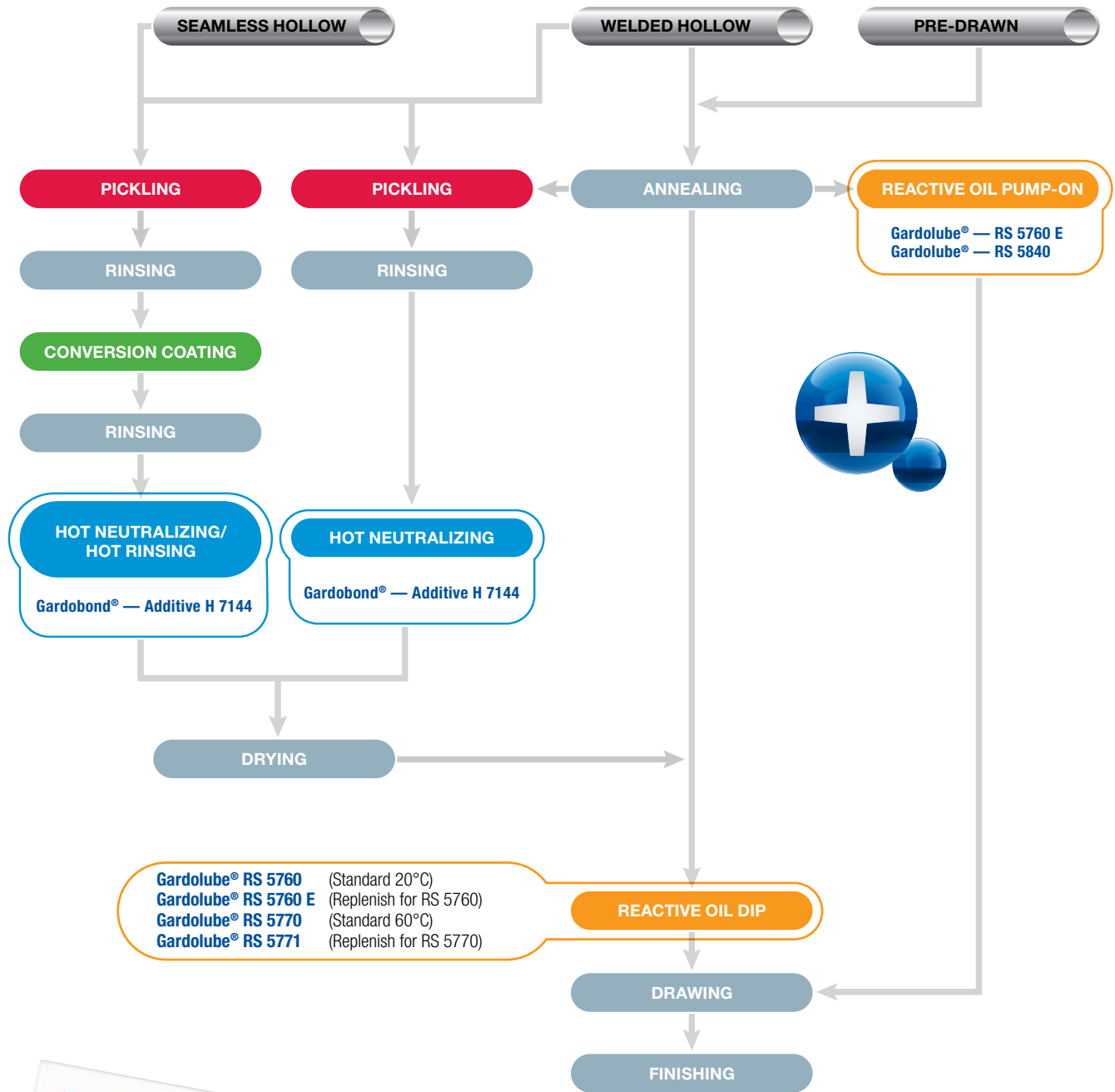
### Reactive Oils

- + **Gardolube® RS** — Reactive oils ensure a very bright, smooth, and shiny surface for your precision tubes.



*Experience our commitment to Innovation, Sustainability, and the Environment.*

# Gardolube® RS in processes



*Trust Chemetall's expertise, reliability, proactive strategies, and core competencies in cold forming to increase your process efficiency.*

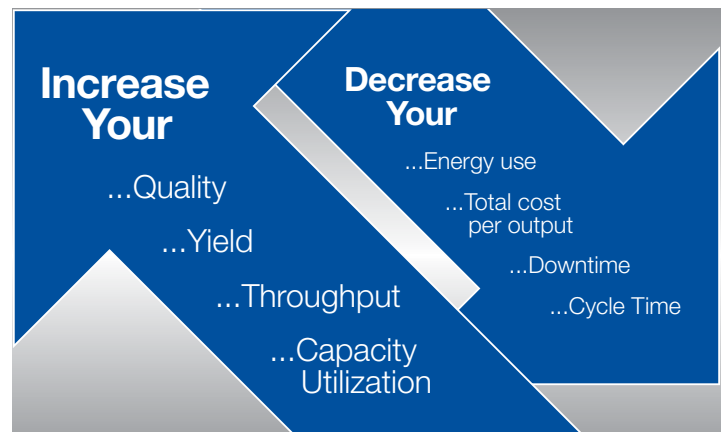
*Our focus is you, our cold forming customer.*



***Cut it. Clean it. Coat it. Control it. Conserve it.® with us!***

We are the Surface Treatment global business unit of the Coatings division of BASF, operating under the Chemetall brand, a leading supplier of applied surface treatments and services for metal, plastic, and glass substrates in a vast range of industries and end markets.

Our global specialists are locally available. Our experts provide focused, passionate, and accountable support. You can expect the highest quality from our integrated portfolio of innovative products. Our labs are fast and accurate. We will collaborate with you to increase the efficiency of your process performance.



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