Forging Value Chain

Henkel is the global leader in coatings, lubricants, rust preventatives, cleaners and machining and grinding fluids for the forging industry. With a solid track record of innovation, Henkel is a total system solutions provider for the forging industry, offering products and services for your forging operations from beginning to end, including:

- Lubricants that are proven to perform.
- Technical support to ensure your success.

With our total systems approach, from steel bars to assembly, Henkel has products to keep forging operations running smoothly each step of the way. Look to Henkel for innovative technologies backed by technical and application support to reduce complexity and increase process efficiency, while providing cost savings throughout the value chain.
Complete Forging Solutions

*Henkel offers a complete line of products to bring value throughout your forging operations:*

**Forging Lubricants**
Through its BONDERITE® line of forge products, Henkel offers an extensive line of lubricants for hot, warm and precision forging processes, which are designed to perform under extreme temperatures and pressure. In addition, Henkel offers synthetic and hybrid products specifically formulated to replace products that are fully graphitic, while providing the lubrication and protection to tooling on even the toughest forge.

**Billet Coatings**
Henkel offers a high-quality line of protective coatings for billet and die lubrication for precision forging of super alloys to enhance performance and maximize downtime.

**Polymers**
Henkel’s line of BONDERITE® polymers for cold forming are developed using environmentally sustainable technology that can easily be applied with in-line or batch systems. An alternative to reactive and nonreactive soaps, these water-based, dry-in-place coatings are compatible with traditional pretreatment technology.

**BONDERITE® Cleaners**
Henkel has a full line of cleaners that efficiently remove dust, dirt and metal particles, as well as lubricant and oil residual.

**Pretreatments and Cold Forming Extrusions**
Henkel’s BONDERITE® conversion coatings, soap lubricants and molybdenum disulfide lubricants address the most difficult forming applications. They minimize metal-to-metal contact, and reduce tendencies for welding and galling.

**Metalworking Coolants**
Henkel’s BONDERITE® metalworking coolants are available in biostable formulas to minimize biocide hazards, while bringing value to your operations by improving tool life and reducing consumption.

**Overall Benefits:**
- Increased productivity
- Environmentally sustainable options
- Reduced costs
- Shorter cycle times
- Maximized die life
- Improved quality
- Minimum downtime
- Superior lubrication and release