



Global Manufacturer of Metalworking Fluids, Industrial Lubricants & Cleaners



ArrowForge

Synthetic & Oil Based Hot Die Lubricants for Aluminum & Steel



Visit www.chemarroweurope.com
to learn more about our full
line of metalworking fluids,
industrial lubricants & cleaners.

Chem Arrow offers a complete line of water and oil based forging lubricants for use on both ferrous and non-ferrous metals. This innovative technology represents over 40 years of lubricant development for high temperature applications which include the “next generation” of water based lubricants formulated to promote a cleaner environment and lower operating costs.

The ArrowForge line of hot die lubricants is designed to provide controlled metal movement, superior fill with less build-up, ensuring extended die life, and part cleanliness.

ArrowForge lubricants are very versatile and have been successfully used on both hydraulic and mechanical presses.

Chem Arrow’s “next generation” of synthetic water based forging lubricants are formulated to reduce smoke generation and other hazards during the production process resulting in a cleaner, safer work environment. This unique “state of the art” technology also includes select “graphite free” products for certain jobs and applications.



Extends die life



Significant smoke reduction



Smooth metal movement



Easy to mix & apply



Superior adhesion & lubricating properties



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Chem Arrow's Complete Line of Metalworking Fluids, Industrial Lubricants & Cleaners

ArrowBend

- Designed to meet the requirements of the tube bending industry.
- Features oils, greases and pastes developed for a wide assortment of alloys and applications.
- Offers a unique barrier film, minimizing friction and protecting tooling and parts.
- Developed to be easily removed prior to painting, plating or welding.

Applications

Bending
Fabrication
Tube bending

ArrowClean

- Complete line of high performance, in-process cleaners that meet a wide variety of needs.
- Includes immersion, spray and dip applications as well as general maintenance cleaners.
- Offers faster cleaning which means reduced energy consumption and less maintenance down time.

Applications

Cleaner
Deburring
Degreaser

ArrowCool

- Soluble oil, micro-emulsion, semi-synthetic, and synthetic concentrates.
- Offers superior wetting, cooling and friction reducing properties.
- Excellent operator acceptance, extended sump life and low foam.
- Helps maximize production rates and accuracy of the finished part.

Applications

Creep feed grinding,
Drilling, Grinding,
Milling, Sawing,
Tapping, Turning

ArrowCut

- Full range of premium neat cutting oils designed to satisfy a wide range of applications and materials.
- Includes fluids developed for stamping, drawing, machining and broaching.
- Formulated to increase productivity and lower your overall operating costs.

Applications

Broaching, Cutting,
Drilling, Grinding,
Honing, Threading

ArrowDraw & ArrowStamp

- Comprehensive range of neat, water soluble and vanishing oils developed specifically for the drawing and stamping industry.
- Formulated with some of the most advanced anti-friction and "extreme pressure" technology to prevent metal to metal contact with tooling, dies and finished components.
- Utilizes sophisticated polymer and bio-based "vegetable" technology to help promote environmental safety and hazardous waste reduction.
- Offers higher film strength, as well as thermal and oxidation resistance, that can greatly enhance overall efficiency.
- Used successfully on ferrous and non-ferrous metals including stainless steel and titanium.

Applications

Bending
Blanking
Coining
Cutting
Die casting
Drawing
Forming
Piercing
Stamping

ArrowForge

- Offers a complete line of synthetic and oil based forging lubricants for use on ferrous and non-ferrous metals.
- Designed to provide controlled metal movement, superior fill with less build up for extended die life and part cleanliness.
- Formulated to reduce smoke generation and other hazards during the production process resulting in a cleaner, safer work environment.

Applications

Forging

ArrowLube

- Provides increased productivity and reduced maintenance costs.
- Developed to provide superior wear, rust and oxidation protection as well as film strength characteristics necessary for the new age machine tools.
- With a complete line of hydraulic fluids, way lube oils, gear oils and specialty greases, Chem Arrow can supply all your lubricant requirements.

Applications

Lubricating oil

ArrowRP

- Designed to protect metal parts from rust and corrosion throughout the stages of manufacture, assembly, storage and shipping.
- Displaces water or coolant already on the parts.
- Removes slight dirt and offers the ability to dry parts quickly to be handled within a short time frame.
- Can be applied by dip, brush, roller, spray or flood.

Applications

Indoor/Outdoor
storage
Short/Long term rust
inhibitor
Water displacing rust
inhibitor

ArrowSpecialty

- Chem Arrow has compiled one of the most comprehensive lines in the metalworking industry.
- Our research and development is tailored towards meeting the challenges of a variety of applications.
- The following operations — tapping, welding, misting — require specially designed fluids to help maximize productivity and increase efficiency.

Applications

EDM fluid
Reaming, Tapping
Welding