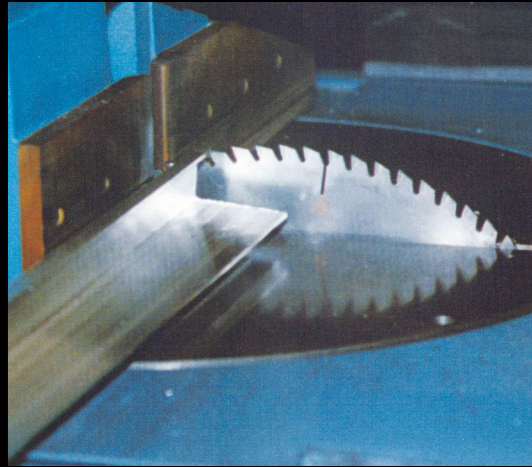




**AMCOL  
CORPORATION**

**Lubrication for Aluminum  
Extrusion and Fabrication**

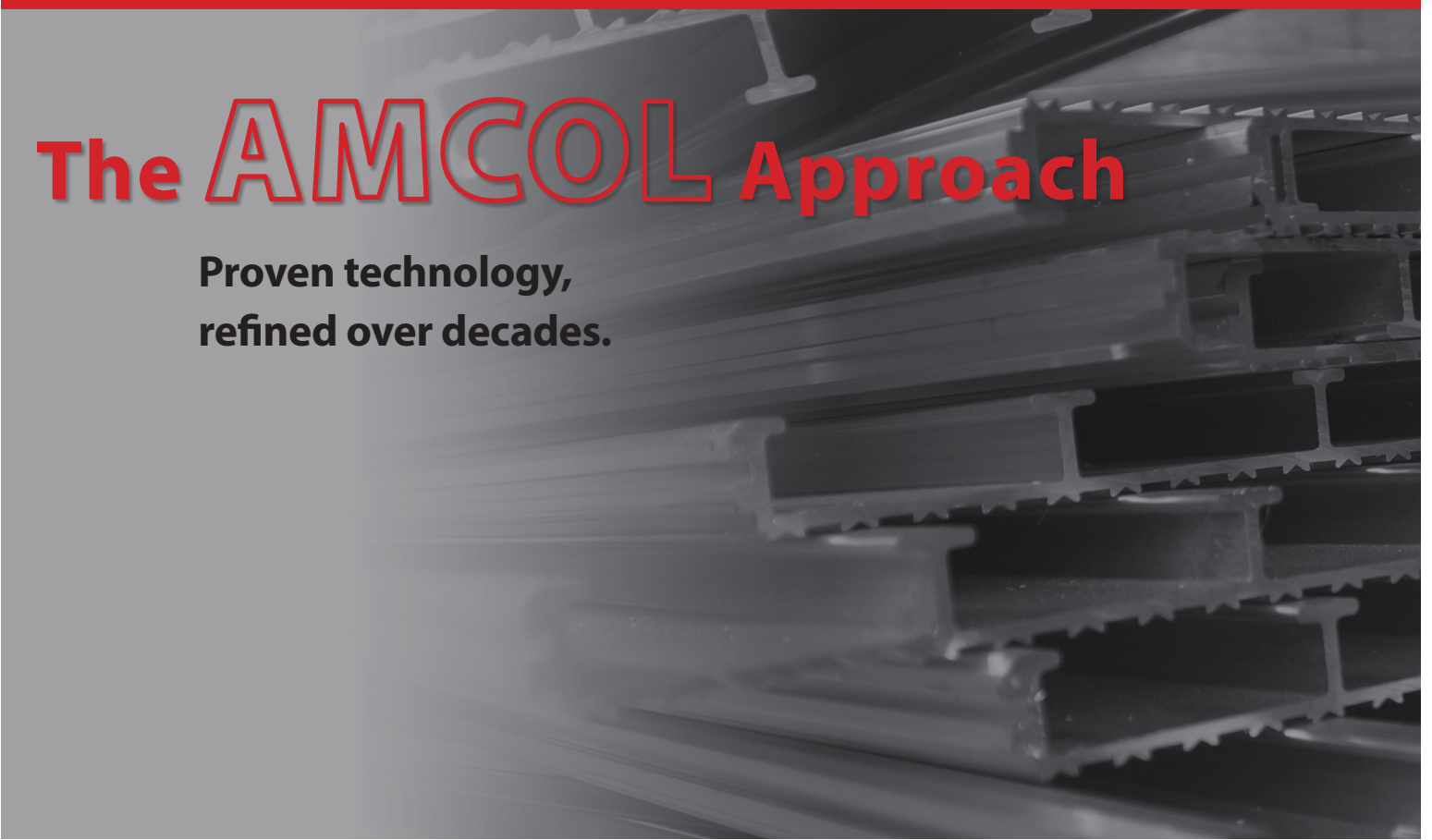


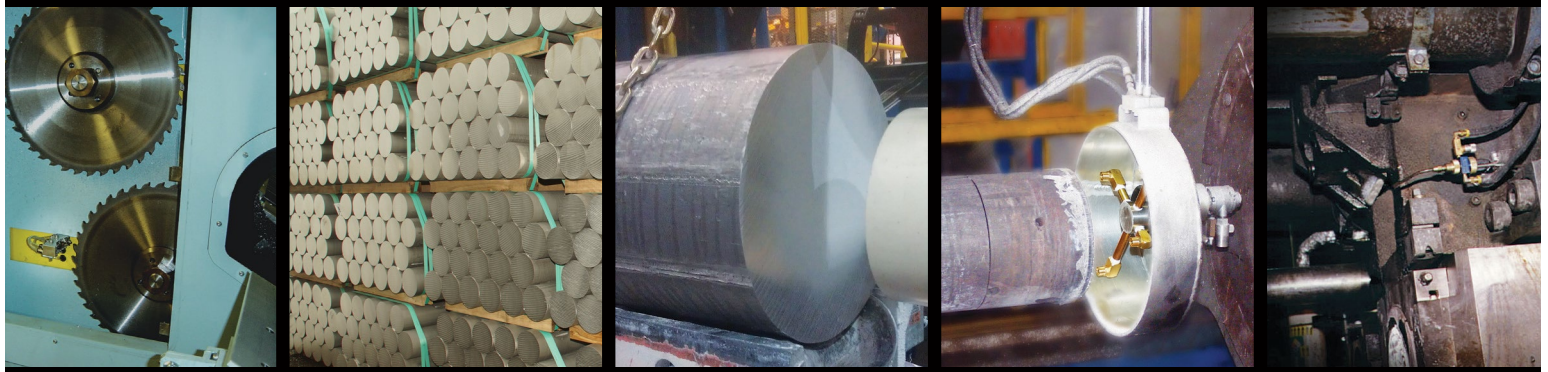
**ABSOLUTELY, POSITIVELY, QUALITY**

**PRODUCT, SERVICE, ATTITUDE**

# The **AMCOL** Approach

**Proven technology,  
refined over decades.**





# The **AMCOL** Approach

is to combine performance driven products with proactive monitoring, maintenance and training to enhance quality and maximize profits.

## Automatic Lubrication for Billet Extrusion

**AMCOL lubrication and parting compounds** with tailored dispensing systems help automate the process, minimize operator intervention, and maximize productivity, safety, and repeatability.

**410 BNP DYLUBE is a boron nitride based powder that is applied to hot billets and dummy blocks.** Used in combination with the AMCOL Model 3500 Electrostatic Spray System, you can expect:

- ◆ Consistent and repeatable spray cycles with superior system design and predetermined system settings best suited to the powder.
- ◆ Reduced overspray with integral dust collection and a powder that sticks to the billet.

**46 ILX EJECTEZE is a water-dilutable release agent for use on billets, dummy blocks, and scalper tools.** 46 ILX EJECTEZE works best when applied using the AMCOL Model 3063 rotating spray nozzle system. With each spray cycle, a light film coating is applied in a circular pattern that can be sized to the billet diameter. Benefits include:

- ◆ A highly directed ring pattern is created.
- ◆ Systems are simple and easy to troubleshoot.
- ◆ A supplemental hand wand can be included.
- ◆ Not affected by humidity in surrounding air.
- ◆ Controls can be remotely mounted outside press guards.

**BL 463 2S EJECTEZE is a water-dilutable lubricating fluid for use on butt discard and hot log shears.** BL 463 2S EJECTEZE is designed to cool as the water evaporates then travel by capillary action to completely coat the tool steel with a liquid lubricant. The AMCOL Model 3049 Spray System has extended nozzles that can be fitted for a variety of spray angles and positions and is ideally suited for spraying those hard to reach places. BL 463 2S EJECTEZE in combination with the AMCOL Model 3049 Spray System offers:

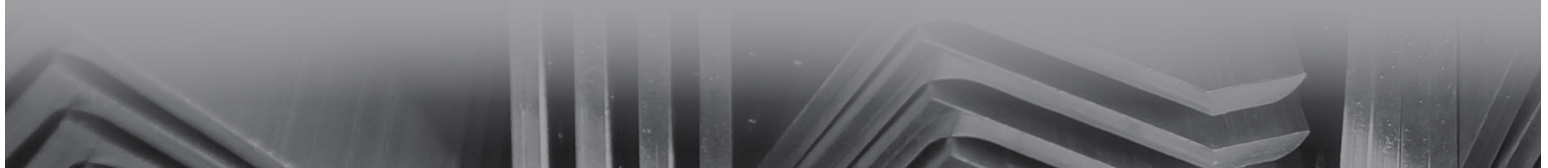
- ◆ Reduced aluminum build-up and sticking.
- ◆ Maximum shear life and cut quality.

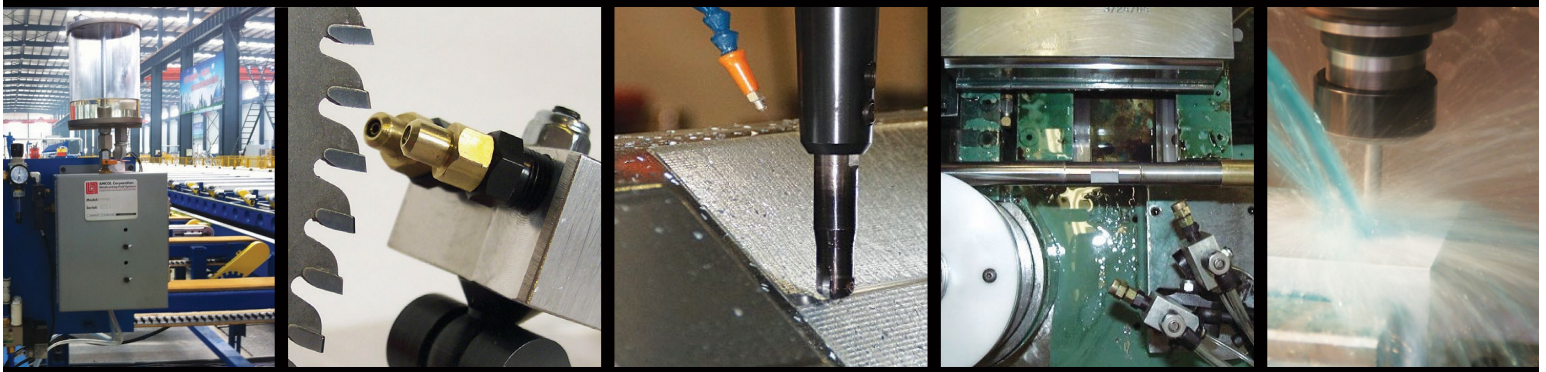
## Manual Lubrication for Billet Extrusion

**325 LX EJECTEZE is a boron nitride containing waterborne liquid coating.** This extremely stable dispersion requires little or no mixing prior to use and can be spray or brush applied. Common applications include:

- ◆ Release agent and lube for pre-cut billet ends. Cold applied prior to heating.
- ◆ Die stack anti-seize to eliminate snap marks.
- ◆ Die bearing pre-lube for first push break through.

**412 BNW DYLUBE is a boron nitride containing wax stick that is the clean alternative to graphite grease.** Using the 105A Blister Buster dispensing wand, this solid wax lubricant is quickly applied without waste or mess.





Certified ISO 9001:2008  
SRI Quality System Registrar

## Precision Lubrication for Saws and Fabrication

**CANMIST High Performance Lubricants and AMCOL 6000 Series Precision Applicators** set the industry standard for:

- ◆ Billet, Ingot, and Plate Saws
- ◆ Traveling Hot Saws
- ◆ Precision Cut-to-length Saws
- ◆ CNC Machining Centers
- ◆ Dedicated Fabrication Cells

This combination of superior chemical technologies dispensed in minute quantities results in:

- ◆ Superior tool life and cut quality.
- ◆ Near dry parts, chips, and machine.

**AMCOL 6000 Series Precision Applicators** put you on the cutting edge with:

- ◆ Self-priming, non-stacking injectors.
- ◆ Biaxial hose from injector to spray point.
- ◆ Gauge regulated spray pressure.
- ◆ Spray manifolds specifically for saws.
- ◆ Application specific designs.

**CANMIST** is a name that is synonymous with high performance and value. Heat treat compatible products include:

- ◆ **390 ND** — Provides best cut finish with reduced burrs. Eliminates staining. Will not freeze.
- ◆ **399** — Delivers high performance at an economical price.

Products where heat treat compatibility *is not a requirement* include:

- ◆ **331 WLX** — Heavy duty, thermally stable, low smoke, water washable, non-misting cutting oil. This product helped pioneer modern day hot billet sawing.
- ◆ **305 E** — All-purpose cutting fluid. It is ideal for billet, plate, and ingot cutting; also commonly used in all types of fabrication and machining of extrusions and castings.

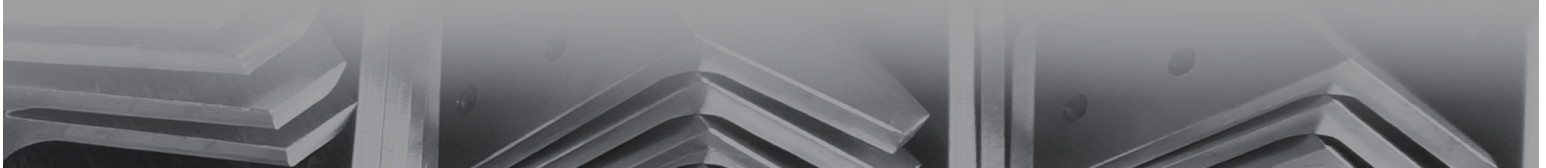
**Other CANMIST varieties are available to meet your specific application and needs.**

## Conventional Lubricants for Machining and Fabrication

**CHARCOOL and CANDRAW** water-diluted synthetic and semi-synthetic coolants and lubricants find use in CNC machining, stamping, forming, and fabrication. Products are formulated for maximum tool life with long sump life and low odor in use.

## The **AMCOL** Approach

is specialization that gives us an intimate understanding of and proactive approach to your process. With active owners and a stable workforce, the result is timely and effective communication and action.





**AMCOL  
CORPORATION**



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## **Other Products for Metalworking**

AMCOL also offers a long list of specialized lubricants, coolants, rust preventatives, and dispensing systems used in welded tube making, cold roll forming, and general machining.

## **The AMCOL Approach**

We look to gain and retain your confidence to work with your people, your suppliers, and your customers to enhance your bottom line. Let us take you from ingot to finished product!