



# PRECISION LUBRICATION FOR CIRCULAR SAWS

## A P R O V E N   S Y S T E M



**CANMIST High Performance Lubricants have been developed specifically for circular sawing of metal with:**

**Superior Tool Life** - CANMIST offers longer tool life when compared to conventional lubrication.

**Dry Chips** - CANMIST is designed to be used in minute quantities.

**Use as Received** - Simply fill the reservoir!

**CANMIST is available in a variety of forms with an exact product to meet your performance and budgetary requirements.**



**AMCOL 6000 Series precision spray systems in combination with CANMIST high performance precision applied lubricants have gained widespread use in circular sawing** of aluminum, copper, brass, and steel.

Ideal applications include extrusions, billet, ingot, plate, and welded tubes.

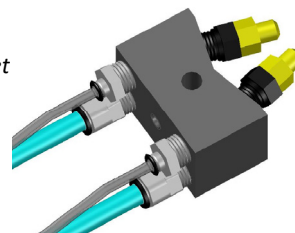


## R U G G E D ,   R E L I A B L E ,   U S E R - F R I E N D L Y



**AMCOL 6000 Series precision spray applicators set the gold standard for circular sawing.**

- ♦ **The patented T60A Posi-pump** has up to five injectors in one extruded body with no stacking of injectors. We include PTFE seals as standard.
- ♦ **Spray pressure is gauge regulated**, not flow regulated, to the mixing point. This gets air pressure to the spray point quicker and at a predetermined and reliable setting.
- ♦ **Air and liquid travel side by side (biaxial)** to the spray point. No mixing at the injector and no coaxial hose.
- ♦ **Liquid is propelled from the mixing block** with our unique wet design. This insures a high velocity highly targeted spray to penetrate the wind of the traveling blade without mist or fog.
- ♦ **Other standard options that ease installation and repair** include: multifunctional mounting brackets, push to connect fittings, shut-off valve on the reservoir, heavy duty steel enclosure, manual override on the system control valve, and an autodrain coalescing filter for incoming system air.



### AMCOL CORPORATION

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# PRECISION LUBRICATION FOR CIRCULAR SAWS

USING CANMIST AND THE AMCOL  
6000 SERIES PRECISION APPLICATOR

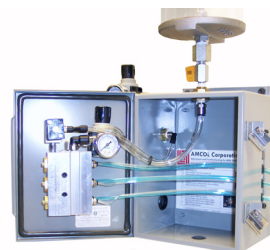
## HOW TO SPECIFY YOUR SYSTEM



♦ **For saw blades up to 24", two injectors are mounted in one control box and service two spray points.** There are three different size spray blocks, including the B21, B22, and B2; the B21 is the smallest for tight fit. A three-way electrically controlled solenoid valve turns the system off and on (specify voltage). A simple pneumatic timer controls the pulse rate of the injectors. A half gallon reservoir can supply for hours of operation. 10 feet of biaxial hose per injector is included if not otherwise specified.



♦ **For larger saw blades or in high precision cutting, three injectors service three spray points** using the B3 Spray Block. Often, the same 1/2 gallon reservoir will suffice. In high production applications, larger reservoirs are available.



♦ **It is also possible to split three injectors into sub-groups of one plus two.** This type of system allows for a quick transition from one in the center, two on the outside, or all three spray points for a light, medium, and heavy cutting, respectively. This can be completed manually with panel mounted toggles as shown or electronically controlled using the saw PLC.



♦ **Complex systems for multi-headed saws and dedicated fabrication cells** are also built to customer specifications.

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### How to purchase these AMCOL products:

There are many standard AMCOL 6000 Series Applicators for use in circular sawing that can be described using the Extended Part Number Worksheet. More complex systems will likely require an application specific design and quotation. For more information on a system or CANMIST fluid that will meet your exact needs, contact your AMCOL representative.