

**HELPING INDUSTRY  
MEET ECOLOGICAL  
CRITERIA SINCE 1902**



*AMCOL was established* as a foundry supply house *in 1902*. We offer a wide range of lubricants, coolants, coatings and related dispensing systems, including MQL (Minimum Quantity Lubrication).

We are *ISO 9001:2008 certified*. Our lab facilities include a long list of equipment used to test lubrication, corrosion protection, water quality, coolant condition monitoring, and others.

*2200 LX CHARCOOL* was originally developed for use in high production form welding of tubes and profiles.

It has now become clear that this once highly specialized product *may be the best available CNC machining coolant on the planet*.

Request  
your no  
charge, no  
obligation  
sample of  
2200 LX  
CHARCOOL  
today!



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PS02 2200LX CNC HR02 1/2011

**AMCOL CORPORATION**

**2200 LX  
CHARCOOL  
SYNTHETIC  
COOLANT**

**FOR CNC  
MACHINING**



**THIS MAY BE  
THE BEST CNC MACHINING  
COOLANT ON THE PLANET!**

## 2200 LX CHARCOOL SYNTHETIC COOLANT FOR CNC MACHINING

*2200 LX CHARCOOL* is a multi-purpose pure synthetic water dilutable coolant used to cool, lubricate, and prevent corrosion in the machining, forming and fabrication of metals.

*2200 LX CHARCOOL* can be used on steel, aluminum, stainless steel, and many other alloys. It has gained widespread use in milling, drilling, tapping (form and cut), grinding, sawing (circular and band), and many other applications.

*2200 LX CHARCOOL* contains extreme pressure additives for improved lubricity, part finish and tool life, with reduced galling and pick-up.

### BENEFITS OF USING

*Multi-metal and multi-process compatible.* Used on steel, stainless steel, aluminum, bronze and many other alloys. Also compatible with carbide tooling and inserts.

*Economical to use.* It is often less per gallon than other products. Many users also cite reduced consumption.

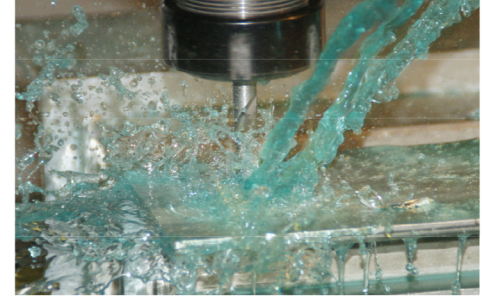
*Operator friendly.* Virtually odorless. Also offers excellent resistance to bacteria and fungus.

*Light residual film* protects parts and machine from rust and corrosion.

*Superior lubrication and cooling* extends tool life and improves surface finish.

### HOW TO USE 2200 LX CHARCOOL

*2200 LX CHARCOOL* is typically flooded over or through the tooling, to help wash chips, smut and swarf back to the reservoir where solids can be removed using me-



*High performance coolant provides maximum tool life and surface finish.*

chanical separation. It is also recommended to remove insoluble tramp oils using tube, belt or vacuum type skimmers.

A starting point dilution of 10 parts water to one part concentrate is recommended for most applications. A higher dilution of 30 parts water to one part concentrate is recommended for grinding.

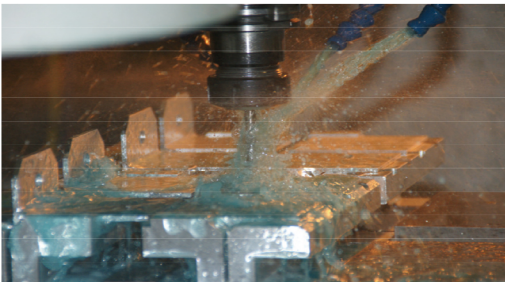
Dilution can be monitored using a brix scale refractometer. A fluid proportioner can be used to ensure and maintain a constant dilution.

*To get started, call or email for a no charge, no obligation sample.*

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*Protects parts and machine from rust and corrosion.*