

# SterlingCool

CUTTING FLUIDS DIRECT

## SterlingCool-AR501 (NC)

**SterlingCool-AR501 (NC)** is an ultra-premium and highly versatile cutting oil formulated for a wide range of applications including deep hole drilling, grinding, threading, Swiss machining, and many other moderate-to-severe machining operations. SterlingCool-AR501 (NC) can be used on both ferrous and non-ferrous materials and is non-staining on yellow metals. SterlingCool-AR501 (NC) is non-chlorinated and is a transparent light-colored, anti-mist premium lubricant formulated with a unique combination of extreme pressure additives that readily react at the chip tool interface which provides excellent boundary lubrication resulting in excellent surface finish. It is formulated with the highest quality of refined base oil stocks and runs extremely clean while machining.

| LAB DATA             |                    |
|----------------------|--------------------|
| Appearance           | Light Amber, Clear |
| Specific Gravity     | 0.859              |
| Density              | 7.17               |
| Flash                | >400 °F            |
| Viscosity @ 40 °C    | 24.2               |
| Viscosity @ 100 °F   | ~ 116 SUS          |
| Copper, 24hr Ambient | 1A                 |
| Copper, 3hr @130 °F  | 1A                 |

### Advantages

- High lubricity results in extended tool life
- Light color allows for clear viewing of tool and work piece
- Great for broaching, tapping and threading
- Extremely low mist product
- Chlorine Free cutting oil



**SterlingCool AR501 (NC) is available in 5 gallon pails, 55 gallon drums and 275 gallon totes.**

To order or for more information, please find us at [cuttingfluidsdirect.com](http://cuttingfluidsdirect.com)