

## Product Data Sheet

## VISCOOL 5505 BC

VISCOOL 5505 BC is formulated for a wide variety of machining and grinding operations on both ferrous and most non-ferrous metals. This unique combination of ingredients forms a completely stable emulsion providing exceptional tool life and long term trouble free performance.

- ... Wide range of job applications
- ... Excellent rancidity control
- ... Increased tool life
- ... Nonirritating to the skin
- ... No nitrates or phenols
- ... Excellent rust protection
- ... Provides way lubrication
- ... Good lubricity

## RECOMMENDED STARTING DILUTIONS

| Operations                            | Carbon Steels<br>Cast Steels | High Alloy Steels<br>Stainless Steels | Non-Ferrous<br>Alum., Brass<br>and Copper |
|---------------------------------------|------------------------------|---------------------------------------|---|
| Milling, Drilling,<br>Turning, Sawing | 1:25 (4%)                    | 1:15 (7%)                             | 1:25 (4%)                                 |
| Reaming, Light<br>Duty Broaching      | 1:20 (5%)                    | 1:15 (7%)                             | 1:20 (5%)                                 |
| I.D., O.D.,<br>Centerless<br>Grinding | 1:40 (2.5%)                  | 1:33 (3%)                             | 1:33 (3%)                                 |

Typical Characteristics:

|                           |                        |
|---------------------------|------------------------|
| Appearance:               | White, milky emulsion  |
| pH:                       | 5% Concentration ó 8.5 |
| Pounds per Gallon @ 60 F: | 7.962                  |
| Residue:                  | Soft, oily             |
| Flash Point, COC, °F:     | 350 (Neat Product)     |
| Viscosity, cSt @ 40 °C:   | 70 (Neat Product)      |
| Chlorine, %:              | 5.6                    |

Avoid prolonged skin contact with concentrate. Use eye protection. Product becomes viscous at cold temperatures. Allow to warm to room temperature before mixing. Coolant should always be added to water. Do not add water to concentrate.

Available in 5 gallon pails, 55 gallon drums, and bulk quantities.

January 2012

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