



AMCOL Corporation

Proven technology, refined over decades.



2025 LF CHARCOOL

Semi-Synthetic Coolant and Lubricant

PRODUCT DESCRIPTION

2025 LF CHARCOOL is a water-dilutable, semi-synthetic coolant concentrate. **2025LF CHARCOOL** provides excellent cooling and lubricating properties in CNC machining, cold forming of steel profiles, sawing, and a variety of associated fabricating operations. Additional applications include milling, drilling, tapping, bending, stamping, punching, swaging, end finishing, light drawing, etc.

2025 LF CHARCOOL is a highly versatile coolant with multi-metal capabilities. This product is recommended for use on steel, stainless steel, aluminum, brass, and others.

ADVANTAGES:

- Superior Extreme Pressure Properties, Lubrication, and Cooling
- Residual Film Provides Short Term Indoor Corrosion Protection
- Low-Smoke from Welding and High Heat Conditions
- Easily Mixed and Washed with Water
- Stable in Hard Water
- Resists Bacterial & Fungal Growth
- Thin Non-Visual Residual Film
- Mild Odor Characteristics



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Method of Application and Cleaning

2025 LF CHARCOOL is recommended for use in flood, drip or spray application directly onto the tooling or metal. It may be used as received or extended with up to 30 parts water to 1 part concentrate. For best results, a fluid proportioner is recommended for achieving exacting dilutions.

2025 LF CHARCOOL is removed using warm water wash or mild alkaline cleaning solutions.

Typical Physical and Chemical Properties

Physical State: Liquid at 25 deg C

Odor and Appearance: Clear green liquid with a mild odor.

Solubility (in water): Soluble

Specific Gravity: 0.05-1.05

pH: 8.9-9.5

Viscosity: 1-25 centipoise at 25 deg C



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