



AMCOL Corporation

Proven technology, refined over decades.



2050 EXP CHARCOOL

Semi-Synthetic Coolant, Lubricant, & Rust Preventative

PRODUCT DESCRIPTION

2050 EXP CHARCOOL is a semi-synthetic coolant/lubricant used primarily in cold roll forming and fabricating of galvanized metals. This oil-emulsion has also found use as a short term storage coating for metals such as galvanized steel.

2050 EXP CHARCOOL is also compatible with most other metals (ferrous and non-ferrous).

ADVANTAGES:

- Helps Fight Water Induced Galvanic Reactions
- Resistant to Washing from Humidity
- Superior Lubrication and Cooling
- Waste Treatable by Acid-Alum Split
- Non-tacky Residual Film
- Pleasant Odor Characteristics





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Method of Application and Cleaning

2050 EXP CHARCOOL is typically flood, drip, or spray applied directly onto the tooling or the metal. As a rust inhibitor or lubricant, this product is used as received, and as a coolant, it is extended with up to 30 parts water to 1 part concentrate. When diluting with water, be sure to add the concentrate into the water and not the water into the oil.

2050 EXP CHARCOOL can be easily removed using a warm alkaline cleaning solution.

Typical Physical and Chemical Properties

Physical State: Liquid at 25 deg C

Odor and Appearance: Green liquid with a mild petroleum odor

Solubility (in water): Emulsifiable

Specific Gravity: 0.85-0.95

pH: Not applicable

Viscosity: 75-100 centipoise at 25 deg C



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