

# PRODUCT DATA

## COOLANT N-39 Cutting and Grinding Liquid

### DESCRIPTION

**COOLANT N-39** is a water based, nonflammable, synthetic metal working coolant. **COOLANT N-39** is formulated for cutting and grinding of metal. It dilutes with water for safety, cleanliness and economy **COOLANT N-39** forms a stable transparent solution for better work visibility and safety **COOLANT N-39** keeps grinding wheels sharp and cutting tools cool. **COOLANT N-39** is developed specifically for close tolerance grinding of hard, tough or brittle materials such as carbon/steel tools, high nickel, chrome, vanadium and molybdenum alloys, and for diamond wheel cutting. Its formulation versatility also allows it to be used in broaching, reaming, milling, drilling, threading and turning. **COOLANT N-39**'s excellent lubricating ability and rust inhibiting system assures work of the highest quality. Use Cantol's **COOLANT N-39** for individual machines as well as a central coolant system.

### FEATURES

- Water Soluble
- Grinding & Cutting Coolant
- Lubricant
- Economical
- Rust Inhibitor
- Versatile
- Transparent
- Strength Indicator
- Better Finishes
- Antisouring Formula
- Easy Clean Up
- No Sticky Residue

### DIRECTIONS

- Clean old coolant, oils and dirt from sump machine.
- Use Cantol's Tech 736 to clean entire system.
- Drain and rinse.
- Fill the mixing tank or machine reservoir with one half the required amount of water.
- While agitating the water with paddle, propeller, or compressed air, add **COOLANT N-39**.
- When completely mixed, add the balance of the water.
- **COOLANT N-39** is easily removed with normal washing.

### RECOMMENDED DILUTIONS

- Heavy Work: One part **COOLANT N-39** to 20 parts water for hardest materials and longest tool life.
- Normal Work: One part **COOLANT N-39** to 30 parts water.
- Light Work: One part **COOLANT N-39** to 40 parts water for soft materials and light work.

### APPLICATIONS

Grinding, Cutting, Machining, Broaching, Reaming, Milling, Drilling, Threading, Turning.

### TECHNICAL DATA

**State:** Liquid

**Flash Point:** None

**Rust Inhibiting System:** Molybdate-Phosphonate-Polyacrylate

### PRECAUTIONS

**CAUTION:** Causes eye irritation. In case of contact, flush eyes with plenty of water for at least 15 minutes. Seek medical attention. If swallowed, drink large quantities of water. Call a physician. Flush skin with water. For industrial and institutional use only. **KEEP OUT OF THE REACH OF CHILDREN.**

### GUARANTEE

Cantol guarantees its products, when used as directed, to do all it claims. Should the product fail to demonstrate our claims, the remaining material may be returned to us and no charge will be made.