

## Product Information

## UNICUT 500

Straight Oil Lubricant

### Product Description

**Unicut 500** is a straight oil metalworking fluid containing a balanced blend of boundary lubricant, extreme pressure agents, ester, anti-oxidant, and corrosion preventive providing the needed anti-weld, and extreme pressure characteristics for machining and thread cutting operations.

**Unicut 500** has excellent post-production storage protection.

**Unicut 500** does not contain heavy metal compounds, has a high flash point and low odor for ease of use and disposal.

### Metals and Machining Operations

**Unicut 500** is a versatile performer. The EP additives in Unicut 500 promote tool life and reduce chip welding.

**Unicut 500** may be used on a variety of metals including cast iron, carbon steels, HSLA and high speed steels.

### Storage and Use Conditions

**Unicut 500** has a shelf life of six months under original seal.

### Typical Characteristics

|                        | Unit              | Test Method | Value              |
|------------------------|-------------------|-------------|--------------------|
| <b>Concentrate</b>     |                   |             |                    |
| Appearance             | Visual            | Visual      | Clear Brown Liquid |
| Density                | kg/m <sup>3</sup> | ASTM D 1298 | 0.935              |
|                        | lbs/gal           | Calculated  | 7.80               |
| Viscosity @ 100°F      | SUS               | ASTM D 445  | 54.7               |
| Flash Point (open cup) | °F                | ASTM D-92   | 335                |
| Water Solubility       | N/A               | Visual      | Insoluble          |

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