

PRODUCT DATA SHEET

**LUBRALL CUT-8000**

semi-synthetic metalworking fluid

Lubrall Cut 8000 is a semi-synthetic metalworking fluid designed specifically for machining operations on cast iron and forging materials. It is characterized by its blue appearance and low oil content, which provide several advantages for these types of machining operations.

**Advantages:**

**Enhanced Cooling:** Lubrall Cut 8000's low oil content allows for more efficient heat dissipation during machining. This helps prevent overheating of the workpiece and tool, reducing the risk of thermal damage and extending tool life.

**Improved Chip Evacuation:** The low oil content of Lubrall Cut 8000 helps promote better chip flow and evacuation from the cutting zone. This is particularly beneficial for machining operations on cast iron and forging materials, which can produce tough, stringy chips that can hinder the machining process.

**Reduced Residue:** The low oil content of Lubrall Cut 8000 means that less residue is left behind on the machined parts. This can help reduce the need for cleaning and post-processing of the parts, saving time and labor costs.

**Excellent Lubrication:** Due to high quality EP additive Lubrall Cut 8000 provides excellent lubrication properties. This helps reduce friction between the tool and the workpiece, leading to improved surface finish and extended tool life.

**Versatility:** Lubrall Cut 8000 is suitable for a wide range of machining operations on cast iron and forging materials, including turning, milling, drilling, and tapping. This makes it a versatile choice for machining shops working with these materials.

**Corrosion Protection:** Lubrall Cut 8000 contains additives that provide corrosion protection for both the machined parts and the machining equipment.

**Water Compatibility**

- Typical 50 to 400 ppm hardness
- Low foam in low hardness water
- Suitable for high pressure CNC, VMC and grinding machines

<b>1</b>	<b>Colour</b>	<b>Blue</b>
<b>2</b>	<b>Density @29</b>	<b>0.98-1.00</b>
<b>3</b>	<b>Viscosity</b>	<b>18-22 Cst</b>
<b>4</b>	<b>PH of 5% Emulsion</b>	<b>9.5-9.8</b>
<b>5</b>	<b>IP 287 Corrosion Test</b>	<b>1.5-2 % BP</b>
<b>6</b>	<b>Foaming Test</b>	<b>Settle within 10 second</b>
<b>7</b>	<b>Refractive Factor</b>	<b>1.5</b>
<b>8</b>	<b>Oil content</b>	<b>&gt;25 %</b>

**Packing:** - 210 Liter drum.

NON-WARRANTY: The information in this bulletin is based on our experience and tests which we believe to be reliable, but offer no guarantee and accept no responsibility for operations not under our direct control.

**"FOR ANY COMPLAINTS CALL on: +91 9763686372 WITH DETAILS OF BATCH NO."**



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