

PRODUCT DATA SHEET

CUT-S-4000
(Water soluble metal working fluids)

Lubrall Cut 4000 is a premium-grade cutting oil that is water-soluble and formulated with a blend of mineral and naphthenic base oils. This cutting oil is designed for use in metalworking and machining operations where a high-performance lubricant is required. The mineral and naphthenic base oils in Lubrall Cut 4000 provide excellent lubrication properties, reducing friction and heat generation during cutting, drilling, and milling processes.

Advantages:

- 1) **Excellent Lubrication:** Lubrall Cut 4000 provides superior lubrication, reducing friction and wear on cutting tools, which helps extend tool life
- 2) **Effective Cooling:** The cutting oil's formulation allows for efficient heat dissipation, preventing overheating of the workpiece and tool, which is critical for maintaining dimensional accuracy and surface finish.
- 3) **Corrosion Protection:** Lubrall Cut 4000 offers excellent corrosion protection for both the workpiece and the machine, preventing rust and prolonging the life of the equipment.
- 4) **Enhanced Surface Finish:** The cutting oil helps achieve a smooth surface finish on the workpiece, reducing the need for additional finishing
- 5) **operations Versatility:** Suitable for a wide range of metals, including steel, aluminum, and copper alloys, making it a versatile choice for various metalworking applications.
- 6) **Environmentally Friendly:** The water-soluble formula of Lubrall Cut 4000 makes it easy to dispose of and reduces the environmental impact compared to oil-based cutting fluids.

Cost-Effective: The cutting oil's high-performance formulation and ability to be diluted with water make it a cost-effective option for metalworking operations.


Specification

1	Color	Brownish Yellow
2	Density @29	0.910-0.940
3	Viscosity	20-24 Cst
4	PH of 5% Emulsion	9.00-9.30
5	Corrosion Test	Still – Nil Aluminum -Nil Yellow metal- 0 to 1
6	Foaming Test	Settle within 10 second

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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