

PRODUCT DATA SHEET

LUBRALL CUT-4500
synthetic metalworking fluid

Lubrall's CUT-4500 is an innovative oil-free synthetic grinding fluid specifically designed for high-performance grinding operations. The fluid is known for its unique green color and transparent properties, which allow for easy monitoring of the machining process.

Key features of Lubrall CUT-4500 include:

- 1) **Oil-Free Formula:** CUT-4500 is completely oil-free, making it environmentally friendly and reducing the risk of health hazards associated with traditional oil-based fluids.
- 2) **Enhanced Cooling:** The fluid provides excellent cooling properties, which help in maintaining stable temperatures during grinding operations, thereby increasing tool life and improving surface finish.
- 3) **Corrosion Protection:** CUT-4500 offers effective corrosion protection for both the machine and the workpiece, extending the life of equipment and reducing maintenance costs.
- 4) **Transparent Properties:** The green color and see-through nature of the fluid allow operators to easily monitor the grinding process, ensuring optimal performance and quality control.
- 5) **Low Foam Formation:** CUT-4500 has low foam formation, which helps in maintaining a stable fluid level in the machine and ensures efficient grinding operations. Overall, Lubrall's CUT-4500 oil-free synthetic grinding fluid is a reliable choice for operations that require high-performance cooling and lubrication, along with environmental and health safety considerations.

Water Compatibility

- Typical 50 to 200 ppm hardness
- Low foam in low hardness water
- Suitable for high pressure CNC, and grinding machines

1	Colour	Transulant
2	Density @29	1.08-1.10
3	Recommended Dilution	1:20
4	PH of 5% Emulsion	9.5- 9.8
5	Corrosion Test	Pass
6	Foaming Test	Settle within 10 second
8	Freezing Test @ 0°c ± 2 For 15 Hrs	Pass

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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