

PRODUCT DATA SHEET

CUT-4100

semi-synthetic metalworking fluid

Lubrall Cut 4100 is a semi-synthetic metalworking fluid designed specifically for **cast iron machining operations**. It is formulated to provide excellent lubrication and cooling properties, helping to improve tool life and surface finish. The semi-synthetic nature of Lubrall Cut 4100 means it contains a blend of Naphthenic base oil and synthetic additives, offering the benefits of both types of fluids. One of the key advantages of Lubrall Cut 4100 is its ability to provide effective lubrication in the challenging machining environment of cast iron. Cast iron can be abrasive and cause tool wear, but Lubrall Cut 4100 helps to reduce friction and heat buildup, extending tool life and reducing the risk of tool breakage.

Advantage-

- 1) Improved Lubrication: Lubrall Cut 4100 offers superior lubrication properties, reducing friction between the tool and the workpiece. This leads to reduced tool wear and extended tool life.
- 2) Enhanced Cooling: The fluid's excellent cooling properties help dissipate heat generated during machining, preventing thermal damage to the workpiece and tools. This is crucial for maintaining dimensional accuracy and surface finish.
- 3) Reduced Tool Wear: By providing effective lubrication and cooling, Lubrall Cut 4100 minimizes tool wear, resulting in longer tool life and reduced tooling costs.
- 4) Increased Machining Efficiency: The fluid's ability to improve lubrication and cooling contributes to smoother machining operations, reducing downtime and increasing productivity.
- 5) Improved Surface Finish: Lubrall Cut 4100 helps achieve a better surface finish on cast iron components by reducing friction and heat, resulting in cleaner cuts and reduced post-machining processes.
- 6) Corrosion Protection: The fluid's formulation includes additives that protect against corrosion, ensuring the longevity of both the workpiece and the machining equipment.
- 7) Lubrall Cut 4100 offers a range of advantages for cast iron machining operations, including improved lubrication, enhanced cooling, reduced tool wear, increased efficiency, better surface finish, corrosion protection,

Specification

1	Colour	Light Yellow
2	Density @29	0.98-1.03
3	Viscosity	18-22 Cst
4	PH of 5% Emulsion	9.5-9.8
5	Corrosion Test	Pass
6	Foaming Test	Settle within 10 second
7	Refractive Factor	1.5

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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