

Cutting oil - (Hydrocut SL- – 8500)

Product description - Cutting oil is most demanded oil in metal working segment. It is petroleum based blended with additive which is fortified with emulsifier, anticorrosion chemicals, stabilizers, lubricating agents, biocide etc.

Its main function is during cutting operation of metals is

- 1- *To provide cooling to cutting tool*
- 2- *To gives lubricity to cutting tool and increase cutting rate*
- 3- *To protect work piece and machineries from getting carrion and rust*

Product quality -



HC -8500 is specially developed to meet today's sophisticated cutting machine and eco-friendly chemistry like

Phenol, secondary amine, caustic, boron, phosphate, chlorine free

Its other technical features are

- 1- Easily soluble and emulsion stable up to 800 ppm water
- 2- Meets to BIS specification
- 3- Highly protective, to steel, cast iron and alloys from rust and corrosion
- 1- Non foaming
- 2- Gives boundary lubrication film during cutting operation and maintain finishing
- 3- Increase production rate
- 4- Skin friendly

Test results in lab as per BIS spec

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|-----------------------------|---|----------------------|
| 1- Appearance | - | clear amber fluid |
| 2- Density | - | 0.82 |
| 3- Viscosity | - | |
| 4- Ph. | | 9.2 |
| 5- Temp stability test | | - 50 celiuc - passed |
| 6- Emulsion stability test | | passed up to 800 ppm |
| 7- Copper corrosion test | | passed 1b |
| 8- Cast iron corrosion test | | passed 1 week |
| 9- Bio stability test | | passed |
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Packing :- 50 / 200 kg