

# CLEANCUT 300

## Metal Cutting Fluid for Medium/Heavy Operations

### Description

Cleancut 300 is a bio-stable mikro-emulsion, universal metal cutting fluid, produced for many metal cutting and grinding operations with EP additives. It is appropriate to use with hard water. Due to its EP additive and esthers, it ensures an excellent cutting operation. It can be used in medium-heavy operations. It is an ideal cutting fluid for Aluminum and Aluminum alloys due to its special formulation. It does not consist nitrite, phenol, sulphur, secondary amines and NPE.

### Applications

It is suitable for carbon steel, alloy steel, many non-iron metals, molding, light-medium cutting and universal operations. It is recommended to use as stated rates in mixtures, below.

- Turning 5 – 6 %
- Milling 5 – 6 %
- Hole drilling 5 – 6 %
- Screwing operations 6 – 7 %
- Sawing operations 5 – 6 %
- Grinding 4 – 5 %

Protect from direct sunlight and froze. Store at between 5-30°C.

### Benefits

- Bio-stable.
- Remarkable foam preventing characteristic.
- For general purpose.
- Consists oil in medium level.
- Can be used for non-iron metals.
- Suitable to be used in CNC machines.
- High stability for hard water.
- Does not cause any spots on Aluminum surfaces.

### Typical Specifications\*

Appearance (3% mixture)	Visual	Light Amber
Density, @ 15 °C, kg/m <sup>3</sup>	ASTM D 4052	1,026
Emulsion pH, 20 °C (3% mixture with deionized water)	ASTM 1287	9,5

\* Values shown may differ between productions.



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