CLEANCUT 200

Metalworking Fluid for Light / Medium Processes

Definition

CLEANCUT 200 is a bio-stable microemulsion type developed for processing and grinding of various materials

It is a medium oil universal metalworking fluid. It is suitable for use with hard waters. When mixed with water, it forms a translucent emulsion. Its high performance additives provide very good cutting properties. Light and medium

Suitable for heavy machining operations. CLEANCUT 200, due to its special formulation,

It is a product suitable for use in metal outside. This product does not contain nitrite, phenol, sulfur, chlorine, secondary amines and NPE.

Usage areas

Casting, carbon steels and alloy steels, light and medium machining operations, some non-ferrous metals, universal processes.

Method of Application

CLEANCUT 200 is easy to mix. Mix the product in the recommended amount of water. The ideal water temperature for mixing is 5-25 ° C.

Recommended Starting Concentrations

Optimum concentration may vary depending on water quality and operating conditions, the following concentrations are recommended for starters. If it is to be controlled with a refractometer, the refractometer coefficient is 1.5 and it should not be forgotten that this coefficient is valid for a clean liquid.

Turning	**5 - 6%**	**Pulling teeth**	**6 - 7%**
Milling	**5 - 6%**	**Cutting with a saw**	**5 - 6%**
Hole machining	**5 - 6%**	**Grinding**	**4 - 5%**

Handling and Storage

Protect from frost and direct sun. Store around 5-30 ° C.

Features and Benefits

• Bio-stable.

Good foam control.

• General purpose.

• It has good processing properties.

• It is a medium oily liquid.

• It is suitable for use on CNC machines.

• Its lubricating feature is good.

• Can be used on many non-ferrous metals.

• High hard water stability.

Typical Properties

Appearance (3% mixture)	Visual Control	Light Amber
Density @ 15 ° C, kg / m³	ASTM D 4052	1,020
Emulsion pH, 20 ° C (3% mixture with deionized water)	ASTM 1287	9.6

Petrol Ofisi

Mineral Oil Customer Service | Tel: 0 (850) 3391919 Fax: 0 (216) 2753854 | E-mail: mineiyag @ petrolo fi si.com.tr