

SYNTHETIC SOLUBLE OIL



Special no foaming grinding product **BIOCOOL 3135**

DESCRIPTION

BIOCOOL 3135 is a soluble concentrate specifically made for metal working operations requiring some excellent deaeration properties. A specific additive allows the optimum use in all grinding operations: Plane, cylindrical, internal and external. Operations: All kind of grinding operations and metal working operations requiring strong cooling power

BIOCOOL 3135 is recommended for grinding all kind of materials excepted aluminum alloys.

BENEFITS

- ➔ **Excellent cooling properties**
- ➔ **Unlabeled product**
- ➔ **Ultra-rapid deaeration**
- ➔ **Excellent decantation of sludge**
- ➔ **Very good protection against corrosion**
- ➔ **User friendly**
- ➔ **Improved cleanliness of working environment**

HEALTH AND SAFETY

- ➔ Biocide free, formaldehyde and formaldehyde releaser free, chlorine additive free, sulfur additive free, no nitrite, no DEA, no phosphorous containing additives
- ➔ Unlabeled product
- ➔ Operator friendly: good dermatological behavior, easy to use
- ➔ Cleanliness of working environment

RECOMMENDED CONCENTRATIONS

- ➔ Grinding: min 3%

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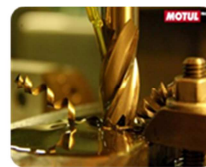
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Technologie pour l'industrie

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TECHNICAL CHARACTERISTICS

Typical characteristics	Units	Méthods	Biocool 3135
Aspect			Translucent
Density at 20°C	Kg/l	ISO 12.185	1.105
5% emulsion pH		NFT 60.193	9.5
Corrosion break point	%	IP 287	< 2
Water hardness range of use	ppm Ca		0 - 600
Coefficient of degree Brix correction			1.85

INSTRUCTIONS

Before commissioning, perfectly clean installation with an antiseptic such as the **Contram CB1**. Drain and rinse with water.

It is recommended to add **BIOCOOL 3135** into water gradually while stirring to achieve the solution.

For commissioning and efficient use, consult the manual of good practices - **soluble machining fluids**.

SERVICES AND MATERIALS

To make an implementation, monitoring and maintenance of soluble cutting fluids, Motul Tech provides all the necessary equipment and materials. Contact technical sales representative.

RECOMMENDATIONS

The MOTUL TECH Soluble cutting oils, BIOCOOL range, are produced from petroleum components, highly refined and high quality additives. As all products from petroleum, the use requires a minimum of caution especially for handling and body hygiene.

All information and rules about safety, health and environment are mentioned on safety data sheet. It informs about risks, cautions and first aid emergency rule. It clarifies all provisions to implement in case of incident spillage, and for the disposal of the product and its effects on the environment.

Our product contains natural additives likely to modify the color of the concentrates without influencing its performances.

The specifications of our products only become definitive at the time of order, which is subject to our general sale and guarantee conditions.

To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available on www.motul.com.

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