POLYBIO 300 TDS

METAL WORKING FLUID WATER SOLUBLE OIL

POLYBIO 300 is a micro-emulsion designed for general purpose machining and grinding.

ADVANTAGES

- **Performance: POLYBIO 300** is a multipurpose product with excellent compromise between lubricity and cooling
- **Rust protection:** good rust protection on ferrous and non-ferrous metals. **POLYBIO 30**0 is not suitable for aeronautic aluminum.
- **Odorless**
- **Micro-organisms:** very high resistance to micro-organisms
- **Foaming:** High resistance to foaming: No foaming in soft and hard water and no “mechanical” foaming (cf. equipments and pressure)
- **Good filterability:** minimum 10 microns, good compatibility with the filtration devices normally used. Fluid’s properties help to settle the particles.

APPLICATIONS

From light to moderate duty operations
All kind of materials, cast iron, steel, aluminum
Grinding operations

CHARACTERISTICS

	Units	
Color		**Blond**
Densité at 20°C	*lb/gal*	**9.998**
Storage temperature	*°F [°C]*	**40°F to 100°F [5°C to 40°C]**
Recommended maximum storage time Keep from freezing		**1 year, in its original package**
pH		**9 to 9,6**
Refractometric coefficient		**1.68**

USE

Grinding: 3 to 5% Steel machining tool: 5 to 8%
Tapping: 5 to 10%

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Safety data sheets available on request. Data corresponding to a production average. They are not specifications.

This information does not imply any liability on our part in the event of faulty application. Tests must be carried out prior to each use. Condat reserves the right to change product formulations without prior notice.

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