# POLYBIO 115

## **POLYBIO 115**

# CONDAT

# METAL WORKING FLUID WATER SOLUBLE OIL

### **PRESENTATION**

**POLYBIO 115** is a biostable micro-emulsion oil designed for conventional machining processes and grinding.

### **APPLICATIONS**

- ◆ All types of machining and grinding operations
- Manufacturing of welded tubes

### **PRODUCT BENEFITS**

- All water multipurpose
- Good rust protection on cast iron& steel

### **ADVANTAGES**

- ◆ Safety: Does not contain phenolics, nitrites, glycol ethers like ethylene glycol, DEA, formaldehyde, heavy metals, silicones <sup>☞</sup> See the Safety Data Sheets, or consult us for more information.
- ◆ Performance: POLYBIO 115 is a multipurpose product that offer an excellent compromise between lubricity and cooling
- ◆ Rust protection: Thanks to its inhibitor package, The *POLYBIO* 115 offers a high protection against corrosion of ferrous metals (Steel, Cast Iron). *POLYBIO* 115 is not suitable for aeronautic aluminium.
- ◆ Micro-organisms: Enrich in Biocides, the POLYBIO 115 prevents micro-organismes growth in the sump
- ◆ Foaming: High resistance to foaming :
- ⇒ No foaming in soft and hard water
- ⇒ No "mechanical" foaming (cf. equipments and pressure)
- Odourless
- ◆ Good filtrability: Minimum 10 microns, good compatibility with the filtration devices normaly used. It's properties help to settle the particles.

### **CARACTERISTICS**

		Units	POLYBIO 115
In its pure state:	Aspect Density at 15°c Storage temperature Shelf Life	/ g/cm³ °C /	Clear, blond ≈ 1.035 Avoid freezing, 5° to 40°C 1 year, under original seal
		/	Opalescent
Diluted to 1:20 (5 %): REFRAC	Aspect Color (when in use) pH TOMETRIC coefficient Actual concentration	/ /	White [9,1-9,7] 2,4 Reading x Coefficient
	Emulsifying used (dilution in water) osion protection (Steel) Copper Corrosion	/ / /	Easy From 1:20 to 1:10 (5% to 10%) No corrosion at 5% minimum 0-0

Above details are issued from a production average; they are not specifications

### **HEALTH AND SAFETY**

See MSDS

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CONDAT DO BRASIL

Rodovia Dom Pedro 1, km 65 S/N - Bom Jesus dos Perdões - SP - BRASIL

Tel. +55 11 4012-3100 · Fax +55 11 4012-7205 · www.condat.com.br

Empresa certificada pela ISO 9001 - Fichas de segurança disponíveis no site www.condat.fr / Company certified ISO 9001 - Safety data sheets available on www.condat.fr Estas informações não envolvem nossa responsabilidade em caso de aplicação do produto não apropriada. Testes devem ser realizados antes da utilização.

This information shall not involve our liability in case of inappropriate application. Tests must be completed prior to utilisation.

Product Data Sheet