

**MOTULTECH BIOCOOL 3220**

SYNTHETIC SOLUBLE OIL

**DESCRIPTION**

**BIOCOOL 3220** is a water soluble metalworking fluid concentrate particularly manufactured for machining operations requiring excellent cooling and very good lubricating properties.

**BIOCOOL 3220** is recommended for all grinding and machining operations on any ferrous or non-ferrous metals.

**BIOCOOL 3220** is compliant with several Aerospace OEM specifications for parts machining :  
- **SAFRAN** Pr-6300 for Inconel and titanium

**APPLICATIONS**

Operations: grinding, milling, sawing, turning, drilling...

**BIOCOOL 3220** is recommended for use on ferrous metals, aluminum (including some aeronautical alloys), yellow metals and hard metals.

**ADVANTAGES**

- Excellent cooling properties.
- Very good lubricating properties.
- Excellent stability and biostability.
- Tramp oils easily removed.
- Excellent sludge decantation.
- Very good protection against corrosion.
- Operator friendly.
- Cleanliness of working environment

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	BIOCOOL 3220
pH	-	NFT 60.193	9.6 (5% micro emulsion)
Break Point Corrosion	%	IP 287	2
Refractometer Factor	-		2.0
Water Hardness range	ppm		0 - 600

These characteristics are given only for information and can be updated over time.



# DATA SHEET



## SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.