

# VALONA 214 S



METALWORKING



**TOTAL**

Chlorine-free Cutting Oil for Moderate Machining.

## APPLICATIONS

- **VALONA 214 S** is 100% synthetic, blue dyed oil of very light viscosity which is efficient over a wide working range of both metals and machining operations.
- **VALONA 214 S** is used for moderate duty metalworking operations. It is recommended as a spray mist lube for cutting and milling of copper and brass slabs during casting operations.

## ADVANTAGES

- Chlorine/sulfur/heavy metals free.
- High thermal stability and oxidation inhibited.
- Increases tool life, prevents ridging, promotes excellent surface finish.
- Excellent metal wetting ability, lubrication, and cooling properties.
- Non-staining.

TYPICAL CHARACTERISTICS	VALONA 214 S
	Appearance
Color, ASTM D-1500	Blue
Viscosity at 40°C, cSt	18.4 - 22.6
Density @ 60 °F, lbs./gal.	7.92
Specific Gravity @ 60/60 °F	0.951
Flash Point, COC, °F	470
Fire Point, COC, °F	530
Copper Strip Corrosion	1A-1B
Sulfur Content, %wt.	Nil
Chlorine Content, %wt.	Nil
Pour Point, °F	-50

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