

VALONA 1025 S



METALWORKING



TOTAL

Chlorine-free Grinding and Honing Oil.

APPLICATIONS

- **VALONA 1025 S** is a clear oil of very light viscosity which is efficient over a wide working range of both metals and machining operations.
- **VALONA 1025 S** is used for grinding and honing on both ferrous and non-ferrous metals. It provides excellent metal removal and parts finish while maintaining or extending tool life.

ADVANTAGES

- Sulfur and chlorine free.
- Non-phenolic components.
- Promotes excellent surface finish.
- Excellent lubricity properties--Increases the tool life on a large scale of cutting parameters maintaining an additive layer on the chip / workpiece / tool surface.
- Excellent metal wetting ability
- Non-staining

TYPICAL CHARACTERISTICS	VALONA 1025 S
Appearance	Bright Clear Liquid
Color, ASTM D-1500	0.5
Viscosity at 40°C, cSt	4.5 - 5.5
Density @ 60 °F, lbs./gal.	7.21
Specific Gravity @ 60/60 °F	0.866
Flash Point, COC, °F	300
Copper Strip Corrosion	1A-1B
Lubricity Content, %wt.	5.0
Sulfur Content, %wt.	Nil
Chlorine Content, %wt.	Nil
Phosphorus, ppm	> 450
Zinc, ppm	> 500

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