

VALONA 2125 S



METALWORKING



TOTAL

Chlorine-free Cutting Oil for Moderate Machining.

APPLICATIONS

- **VALONA 2125 S** is a chlorine-free neat cutting oil **ONLY** dedicated to ferrous metals.
- **VALONA 2125 S** is used on all cutting operations on all ferrous metals: low carbon steels, hard and very hard steels (bearing steels), on tensile steels. **NOT TO BE USED** on copper alloy metals (stain risk on workpieces after cutting operations).
- Operations include: moderate machining such as drilling, turning, boring, milling, sawing, and reaming.

ADVANTAGES

- Very good extreme pressure performance due to the addition of active sulfur:
- Increases tool life, prevents ridging, promotes good 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.
- Outstanding oxidation resistance.
- Low mist oil formation.
- Anti-weld and metal wetting agents.

TYPICAL CHARACTERISTICS	VALONA 2125 S
Appearance	Dark Brown Liquid
Color, ASTM D-1500	8.0+
Viscosity at 40°C, cSt	48.0 - 52.0
Density @ 60 °F, lbs./gal.	7.58
Specific Gravity @ 60/60 °F	0.910
Flash Point, COC, °F	350
Copper Strip Corrosion	4C
Sulfur, %wt.	1.7
Lubricity, %	5.0
Chlorine, %wt.	Nil

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