

# VALONA 120 S



METALWORKING



**TOTAL**

Chlorine-free Cutting Oil for General Machining.

## APPLICATIONS

- **VALONA 120 S** is a chlorine-free, neat cutting oil which is efficient over a wide working range of both metals and machining operations.
- **VALONA 120 S** is used on all cutting operations on all ferrous and non-ferrous metals: low carbon steels, hard and very hard steels (bearing steels), on tensile steels and yellow metals.
- Operations include: general machining such as drilling, turning, milling, reaming, tapping and threading of free machining steels.

## ADVANTAGES

- Very good extreme pressure performance due to the addition of inactive 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.
- Non-staining.
- Permits operator surveillance of the workpiece at all times.

TYPICAL CHARACTERISTICS	VALONA 120 S
Appearance	Light Amber Liquid
Color, ASTM D-1500	1.5
Viscosity at 40°C, cSt	22.5 - 27.5
Density @ 60 °F, lbs./gal.	7.20
Specific Gravity @ 60/60 °F	0.863
Flash Point, COC, °F	355
Copper Strip Corrosion	1A-1B
Sulfur, %wt.	0.5
Lubricity Content, %	1.0

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