

VALONA 1006 S



METALWORKING



TOTAL

Chlorine-free Transparent Cutting oil for Severe Machining.

APPLICATIONS

- **VALONA 1006 S** is a chlorine free neat cutting oil **ONLY** dedicated to ferrous metals.
- **VALONA 1006 S** is used on all cutting operations on all ferrous and ferrous alloy metals: turning, shaping, milling, grinding. **NOT TO BE USED** on copper alloy metals (stain risk on workpieces after cutting operations).
- Operations include: severe machining such as drilling, turning, screw cutting, boring, milling, threading, reaming, tapping, and for use in automatic screw machines.

ADVANTAGES

- Very good extreme pressure performance due to the combination of active sulfur and phosphorus.
- 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.
- No chlorine means lower disposal costs.
- Low mist oil formation.
- Permits operator surveillance of the workpiece at all times
- Light viscosity means good flushing ability.

TYPICAL CHARACTERISTICS	VALONA 1006 S
Appearance	Light Yellow Liquid
Color, ASTM D-1500	1.5
Viscosity at 40°C, cSt	15.7 - 19.1
Density @ 60 °F, lbs./gal.	7.34
Specific Gravity @ 60/60 °F	0.879
Flash Point, COC, °F	345
Copper Strip Corrosion	4C
Sulfur, %wt.	1.5
Active Sulfur, %wt.	1.0
Lubricity Content, %	8.0
Phosphorus, ppm	1600
Chlorine, %wt.	Nil

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