

VALONA BR 9015 S



METALWORKING



TOTAL

Very Heavy-Duty, Chlorinated Oil for Ferrous Metals.

APPLICATIONS

- **VALONA BR 9015 S** is a dark colored, high viscosity oil that is suitable for a wide variety of machining applications that require heavy-duty cutting or broaching.
- **VALONA BR 9015 S** is designed for all cutting operations on ferrous metals: low carbon steels, stainless steel alloys, hard and very hard steels (bearing steels), on tensile steels. **NOT TO BE USED** on copper alloy metals (stain risk on work pieces after cutting operations).
- Operations include: severe machining operations such as drilling, turning, screw cutting, broaching, gear cutting, threading, milling, turning, sawing, reaming, and boring.

ADVANTAGES

- Very good extreme pressure performance due to the combination of active sulfur and chlorine.
- 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 / work piece / tool surface.
- Handles a broad spectrum of ferrous metals.
- Excellent metal wetting ability.
- Anti-oxidation, anti-weld and anti-mist agents.

TYPICAL CHARACTERISTICS	VALONA BR 9015 S
Appearance	Dark Liquid
Color, ASTM D-1500	8.0
Viscosity at 40°C, cSt	40.3
Viscosity at 100°C, cSt	5.8
Density @ 60 °F, lbs./gal.	7.65
Specific Gravity @ 60/60 °F	0.919
Flash Point, COC, °F(°C)	360(180)
Copper Strip Corrosion	4C
Fat	Present
Total Sulfur, %wt.	4.0
Chlorine	Present

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