

VALONA MS 1046 S



METALWORKING



TOTAL

Medium-Duty, Dual-Purpose Cutting and Machine Oil.

APPLICATIONS

- **VALONA MS 1046 S** is a non-staining, light colored oil designed to provide excellent metal removal, superior parts finish, and prolonged tool life in various metalworking applications.
- **VALONA MS 1046 S** is used on all cutting operations on ferrous and non-ferrous metals. It contains no active sulfur and has a low odor.
- **VALONA MS 1046 S** is a dual-purpose machine tool lubricant since it can be used as a cutting oil, hydraulic oil, or light-duty gear oil.
- Operations include: machining operations such as drilling, turning, sawing, boring, threading, tapping, and milling.

ADVANTAGES

- 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 and non-ferrous metals.
- Excellent metal wetting ability.
- Non-staining.
- Chlorine-free.
- Anti-mist formula.

TYPICAL CHARACTERISTICS	VALONA MS 1046 S
Appearance	Light Yellow Liquid
Color	2.0
Viscosity at 40°C, cSt	45.0
Viscosity at 100°C, cSt	6.6
Density @ 60 °F, lbs./gal.	7.25
Specific Gravity @ 60/60 °F	0.871
Flash Point, COC, °F(°C)	410(210)
Pour Point, °F(°C)	-20(-29)
Copper Strip Corrosion	1A

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