

VALONA MS 6016 F



METALWORKING



TOTAL

Chlorine-free Oil for Severe Machining.

APPLICATIONS

- **VALONA MS 6016 F** is a light colored, chlorine-free, heavy duty cutting oil designed to provide excellent metal removal, superior parts finish, and prolonged tool life in various metalworking applications.
- **VALONA MS 6016 F** is used on all cutting operations on ferrous metals: low carbon steels, stainless steel alloys, hard and very hard steels (bearing steels), on tensile steels, refractory alloys, titanium, aluminum. NOT TO BE USED on copper alloy metals (stain risk on workpieces after cutting operations).
- Operations include: severe machining operations such as drilling, turning, screw cutting, gear cutting, threading, milling, turning, sawing, reaming, and boring.

ADVANTAGES

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

TYPICAL CHARACTERISTICS	VALONA MS 6016 F
Appearance	Clear Amber Liquid
Color, ASTM D-1500	2.0
Viscosity at 40°C, cSt	14.0 – 17.3
Density @ 60 °F, lbs./gal.	7.293
Specific Gravity @ 60/60 °F	0.8762
Flash Point, COC, °F	360
Copper Strip Corrosion	4C
Lubricity Content, %wt.	28.0
Total Sulfur, %wt.	<1.0
Chlorine, %wt.	Nil
Calcium, ppm	3,000

TOTAL Lubricants USA, Inc.

Linden, NJ 07036
5 North Stiles Street
908.862.9300/800.526.4127

Rockingham, NC 28379
709 Airport Road
800.323.3198 / 800.526.4127

Knoxville, TN 37914
3315 Riverside Drive
800.323.3198 / 800.526.4127