

# 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

**TOTAL Specialties USA, Inc.**

Linden, NJ 07036  
5 North Stiles Street  
1-800-323-3198  
www.totalspecialties.com

VALONA 6-2016

This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.