

# VALONA BIO 155 S



METALWORKING



**TOTAL**

**Biodegradable Cutting Oil for Moderate/Severe Machining.**

## APPLICATIONS

- **VALONA BIO 155 S** is a clear, yellow cutting oil which is efficient over a wide working range of both metals and machining operations.
- **VALONA BIO 155 S** is used on all cutting operations on all ferrous metals and non-ferrous metals. It is free of chlorine, sulfur, and does not contain any metals.
- Operations include: moderate to severe machining such as stamping, sawing, tapping, drilling, milling, and turning on all metals.

## ADVANTAGES



- Chlorine/sulfur/metal free.
- Superior surface finish.
- Superior lubricity properties--Increases the tool and die life.
- 100% biodegradable.
- Handles a broad spectrum of metals.
- Excellent metal wetting ability.
- Reduces friction.

TYPICAL CHARACTERISTICS	VALONA BIO 155 S
Appearance	Clear Yellow Liquid
Color, ASTM D-1500	1.0
Viscosity at 40°C, cSt	31.5 - 38.5
Density @ 60 °F, lbs./gal.	7.64
Specific Gravity @ 60/60 °F	0.917
Pour Point, °F	-4
Flash Point, COC, °F	580
Copper Strip Corrosion	1A-1B
Lubricity Content, %wt.	> 90.0
Sulfur Content, %wt.	Nil
Chlorine Content, %wt.	Nil

**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