

VALONA MQL 3036 BIO



METALWORKING



Biodegradable Cutting Oil for Moderate/Severe Machining.

APPLICATIONS

- **VALONA MQL 3036 BIO** is a clear, yellow cutting oil which is efficient over a wide working range of both metals and machining operations, including MQL.
- **VALONA MQL 3036 BIO** 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 MQL 3036 BIO
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

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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. Copyright 2016 All rights reserved.