

VALONA 2021 S



METALWORKING



TOTAL

Chlorinated Cutting and Grinding Oil.

APPLICATIONS

- **VALONA 2021 S** is a clear oil of very light viscosity which is efficient over a wide working range of both metals and machining operations. It is fortified with active anti-weld, extreme pressure (EP), and lubricity agents to aid in metal removal, metal forming, and improved surface finishes.
- **VALONA 2021 S** is used for cutting, grinding and honing on **ONLY** ferrous metals. It contains a pleasant smelling odor masking agent plus a special mist reducing agent to create a better operator environment. **NOT TO BE USED** on copper alloy metals (stain risk on workpieces after cutting operations).

ADVANTAGES

- Promotes excellent 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.
- Excellent metal wetting ability.
- Pleasant odor masking agent.
- Anti-mist additive.

TYPICAL CHARACTERISTICS	VALONA 2021 S
Appearance	Clear Yellow Liquid
Color, ASTM D-1500	1.0
Viscosity at 40°C, cSt	13.5 - 16.5
Density @ 60 °F, lbs./gal.	7.43
Specific Gravity @ 60/60 °F	0.890
Flash Point, COC, °F	340
Copper Strip Corrosion	4C
Lubricity Content, %wt.	5.0
Sulfur Content, %wt.	2.0
Chlorine Content, %wt.	2.8

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