

VALONA 1070 S



METALWORKING



TOTAL

Chlorine-free Cutting Oil for Severe Machining.

APPLICATIONS

- **VALONA 1070 S** is a chlorine free neat cutting oil which is efficient over a wide working range of both metals and machining operations.
- **VALONA 1070 S** is used on all cutting operations on all ferrous and non-ferrous metals: low carbon steels, hard and very hard steels (bearing steels), on tensile steels.
- Operations include: moderate to severe machining such as drilling, turning, boring, milling, reaming, and grinding.

ADVANTAGES

- Very good extreme pressure performance due to the addition of inactive sulfur.
- 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.
- Anti-weld agents .
- Non-staining.
- Good anti-misting.
- Good flushing ability.

TYPICAL CHARACTERISTICS	VALONA 1070 S
Appearance	Clear Light Liquid
Color, ASTM D-1500	0.5
Viscosity at 40°C, cSt	10.0 - 12.0
Density @ 60 °F, lbs./gal.	7.32
Specific Gravity @ 60/60 °F	0.877
Flash Point, COC, °F	290
Sulfur, %wt.	1.0
Copper Strip Corrosion	1A-1B
Lubricity Content, %	10.0
Chlorine, %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