

VALONA MS 7046-S



METALWORKING



Light-colored, chlorine-free, heavy-duty cutting oil

APPLICATIONS

Heavy-duty machining
for
difficult metal alloys

- **VALONA MS 7046-S** is a light-colored cutting oil that is suitable for a wide variety of machining requirements.
- **VALONA MS 7046 S** is designed for all cutting operations on ferrous metals: low carbon steels, stainless steel alloys, hard and very hard steels (bearing steels), on tensile steels. NOT TO BE USED on copper alloy metals (stain risk on work pieces after cutting operations). This product contains active sulfur.
- Operations include: severe machining operations such as drilling, turning, screw cutting, broaching, gear cutting, threading, tapping, milling, turning, sawing, reaming, and boring. Applications of broaching, tapping and threading are when the metals or alloys have a machinability rating below 50%.

ADVANTAGES

Controls finish with
long tool life

- Controls tool wear while providing superior surface finish
- Excellent anti-foaming properties.
- Provides maximum tool life
- Excellent lubricity

CHARACTERISTICS

TYPICAL CHARACTERISTICS--VALONA MS 7046-S	
Color Visual	Light yellow liquid
Color, ASTM D 1500	L2.0
Viscosity at 40 °C, cSt ASTM D 445	46
Viscosity index	105
Specific Gravity @ 60/60°F ASTM D 1298	0.893
Density, lbs/gallon ASTM D 1298	7.438
Flash Point, COC, °F (°C) ASTM D 92	395 (202)
Total additive sulfur, wt% Theory	4.2
Fats	Present
Chlorine	Nil
Copper Strip Corrosion	4C

TOTAL Lubricants USA, Inc.

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