

## Vulgrind 7810B

Precision grinding oil

### Description

**Vulgrind 7810B** is a high performance precision grinding oil based on specially selected, thermally stable base oils. This allows **Vulgrind 7810B** to provide a consistent level of grinding performance as well as guaranteeing excellent wetting, lubrication and cooling.

### Performance Benefits

- Good wetting penetrates between the wheel and work piece
- Low foaming propensity
- Lowest possible mist generation
- Machine friendly; does not affect painted surfaces on machine tools
- Maintains the accuracy of grinding wheels; fewer dresses, less wheel wear, lower scrap rates.
- Low drag-out propensity; lower product usage

### Recommended Applications

	Cast Iron	Low-medium alloy steel	High alloyed steel/nickel-chromium alloys	Titanium alloys	Aluminum alloys	Yellow metals
Honing/Superfinishing	-	-	-	-	-	-
Grinding	X	X	X	X	-	-
Drilling	X	X	X	X	-	-
Broaching/Gear manufacturing	-	-	-	-	-	-
General machining	X	X	X	X	-	-

### Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Light amber liquid
Density @ 15°C	Lbs/gal	-	7.15
Viscosity @ 40°C	cSt	ASTM D446	18
Viscosity @ 100°F	SUS	ASTM D446	92
Flash Point	°F	ASTM D92	>350°F
Copper corrosion	3 hr at 100°C	ASTM D130	4c

	Ester	Active Sulfur	Inactive Sulfur	Phosphorous	Calcium	Chlorine	Zinc
Additives	X	X	X	-	-	+	-