

## Honing Oil 8579

High performance honing and cutting oil

### Description

**Honing Oil 8579** is a low viscosity neat cutting oil designed for honing and superfinishing of ferrous metals.

### Performance Benefits

- Excellent flushing and lubrication properties extend honing stone life and enable high surface finish and dimensional accuracy.
- Low viscosity and excellent wetting characteristics reduce drag out and can result in lower product usage.
- Good filtering characteristics and high oxidation stability help increase product lifetime.
- Low odor, light color and low mist aid in operator acceptability.

### Recommended Applications

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

### Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Clear blue liquid
Density @ 15°C	Lbs/gal	-	7.2
Viscosity @ 40°C	cSt	ASTM D446	5
Viscosity @ 100°F	SUS	ASTM D446	43
Flash Point	°F	ASTM D92	>250°F
Copper corrosion	3 hr at 100°C	ASTM D130	4c

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