



Commonwealth Oil

Sonic™ HP Grinding Oils



WHAT IT DOES:

Commonwealth Oil's **Sonic™ HP** Grinding Oils are inactive, non-staining, non-chlorinated grinding oils designed to exhibit excellent performance in machining both ferrous and non-ferrous metals. They contain a mixture of thermally stable, high performance additives blended into oxidatively stable, highly refined base oils. The **Sonic™ HP** series provides excellent friction control and high lubricity for high speed and precision grinding.

WHERE TO USE IT:

The **Sonic™ HP** Grinding Oils are recommended for machining alloy steels, aluminum, copper and brass requiring straight oils.

- Grinding
- Threading
- Tapping
- Walter Tool Grinders
- Milling
- Gear Cutting
- Honing
- Drilling
- Turning

PERFORMANCE BENEFITS:

Sonic™ HP Grinding Oils have been specifically formulated to deliver the following performance benefits:

- Contains no chlorinated components
- Excellent lubricity and anti-weld properties
- Reduced grinding temperature
- Continuous long term chemical stability giving long fluid life
- Good filterability
- Better shop hygiene
- Improved surface finish
- Greatly reduced misting characteristics



2080 FERRISS ROAD NORTH, HARROW, ONTARIO, CANADA N0R 1G0

519-738-3503 • 800-265-3689 • FAX- 519-738-3335 inquiries@commonwealthoil.com • www.commonwealthoil.com



TECHNICALLY SPEAKING:

Test	Sonic™ HP 6	Sonic™ HP 46
Viscosity: cSt @ 40°C	5.5	46.0
Appearance	Clear yellow liquid	Clear yellow to golden liquid
Odour	Petroleum odour	Petroleum odour
Copper Corrosion	1A - 1B	1A - 1B
Flash Point, COC °C (°F)	> 135 (> 275)	> 180 (> 356)
Pour Point °C (°F)	< -10 (14)	< -10 (14)
Boiling Point °C (°F)	> 240 (464)	> 240 (464)
Chlorine %	None	None
Sulfur %	None	None
Density, lbs./US Gallon	6.743	7.09
Specific Gravity	0.80	0.85

These are typical figures and do not constitute a specification.

Handling & Safety Information

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet obtainable from Commonwealth Oil Corporation.



Available in Pails, Drums and One-Way Bulk Containers

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