

Name: Val-Cut 2200
Revision Date: 6/21/2018 – R1

ValCool, LLC
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VAL-CUT 2200

HIGH PERFORMANCE CUTTING OIL

DESCRIPTION

Val-Cut 2200 is a high performance cutting oil containing ester technology designed for medium to heavy duty applications including swiss style machining, gun drilling, milling, turning, threading and grinding. Made with renewable resources, Val-Cut 2200 positions itself well against all cutting oils and is suitable for virtually all materials and tools. Val-Cut 2200 provides for a clean workplace environment and its high flash is a safer alternative to conventional mineral oil based fluids. Low viscosity optimizes chip removal rates, and it's unique chemistry is more desirable to machinists from a skin sensitivity standpoint.

FEATURES & BENEFITS

- Highly purified oils
- Low misting properties
- Extended tool life with increased production rates
- Excellent chip drag off
- Exceptional lubrication properties
- Outstanding surface finish
- Non-irritating to operators' skin

METAL COMPATIBILITY

- Alloys made of steel
- Titanium alloys
- Hi Temp Alloys
- Aluminum alloys
- Aluminum
- Lead alloys
- Stainless Steel
- Copper alloys
- Cast Iron
- Titanium
- Tool Steel
- Nickel alloys

HEALTH & SAFETY

See the most recent SDS which is available directly from ValCOOL, your local representative or authorized distributor. ValCOOL uses only raw materials not listed as carcinogenic by IRAC.

PROPERTIES

Appearance:	Clear Yellow Liquid
Diluted Appearance:	N/A
Solubility in Water:	Does not mix
Odor:	Mild Industrial
Specific Gravity:	0.86
Sulfur Content (%):	1.6
Flash Point (°F):	>390°F
ISO Viscosity @ 40°C:	15

APPLICATION & USAGE

Val-Cut 2200 is compatible with most cutting oils so direct addition to current cutting fluids is often allowable. Compatibility studies are always prudent to run.

Val-Cut 2200 is a straight cutting oil so mixing with water should not occur.

Maintaining the Val-Cut 2200 at its optimum performance is achieved through good fluid filtration practices.

No special precautions are necessary with respect to seals or valves.

Fluid compatibility and machinability should always be tested first; as fluid concentration, metal alloy, and machining operation are variable.