



CG-694

Premium Semi-Synthetic

ADVANTAGES

- Excellent machining properties without the use of chlorinated or sulfurized additives on ferrous and non-ferrous alloys
- Low foam properties in soft water while providing stability in higher hard water conditions
- Dependable microbial control when used at recommended concentrations
- Excellent corrosion control on both ferrous and non-ferrous substrates
- Clean running with very low drag-out reducing usage
- Tight Emulsion - Excellent tramp oil rejection

CG-694 is a premium semi-synthetic metalworking fluid engineered for exceptional performance. Specifically formulated to tackle the most challenging stainless steels, titanium, and Inconel, it eliminates the need for traditional chlorinated EP additives. With a unique blend of extreme pressure additives and innovative boundary lubricants, CG-694 enhances tool life and surface finishes. This product offers superior corrosion protection for ferrous and non-ferrous metals. It maintains low foaming in soft water and exhibits excellent stability in high-hardness conditions. CG-694 ensures clean operation, minimizes product usage, and provides excellent resistance to bacteria and fungus, extending sump life and reducing frequent recharges.

PERFORMANCE

MATERIAL	APPLICATION
Aluminum	★★★★★
Steel	★★★★★
Stainless	★★★★★
Copper Alloys	★★★★★
Titanium	★★★★★
Nickel Alloys	★★★★★
Cast Iron	★★

PROPERTIES

TEST	RESULT
pH @ 5% dilution in DI water	9.3
Density (lbs./gal)	8.34
Scent	Mild
Refractive Index	1.3
Chlorine	None
Sulfur	Yes
DCHA	None

CONCENTRATION CONTROL

Refractometer	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.8	9.6
Concentration	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%

Operation	Range
General Machining	5-7%
Heavy Duty Machining	8-12%
General Grinding	4-6%
Heavy Duty Grinding	7-10%

- It is recommended to check concentration with a refractometer before adding coolant to reservoir.
- For best results use an adjustable coolant mixer
- All CG Fluids products are available in 5 Gallon Pails, 55 Gallon Drums and 330 Gallon IBC Totes. Select choices are available in 1 gallon containers.

855-692-4266

COOLANTGUY.com

Coolant Guy Fluids Manufactured in an ISO 9001:2015 Facility