



# Product Bulletin

## GULFCUT® SS 550 HD

### BIOSTABLE HIGH PRESSURE CUTTING AND GRINDING FLUID W/O CHLORINE

**Gulfcut® SS 550 HD** combines the superior chemical flexibility of synthetics with 15% mineral oil for corrosion protection and lubrication. **Gulfcut® SS 550 HD** has exceptional foam control, hard water stability and tramp oil rejection while providing outstanding lubricity for machining and grinding. It is compatible with virtually all metals except Magnesium and is formulated without the use of chlorine. Designed for use in high and low pressure metal removal operations such as all CNC milling, turning, drilling, tapping, grinding and sawing.

**BIOSTABILITY** refers to the ability of a metalworking coolant to resist extreme biological degradation. This provides extremely long sump life in a properly maintained machine tool and diminishes the possibility of “Monday Morning Odor”.

#### FEATURES AND BENEFITS:

- Very low foam for high pressure operations
- Excellent corrosion inhibition
- Outstanding lubricity for superior finishes
- Superior Sump Life
- Eliminates need for tankside additives
- Exceptional hard water stability
- Operator friendly and clean running

#### Typical Properties

Product Code	Test Method	335402
Appearance – concentrate		Blue liquid
Appearance – dilution		Transparent blue
Odor		Bland
Residual Film		Soft, Fluid
pH @ 20:1 (5%)		9.2 ± 0.3
Specific Gravity @ 60°F		1.02 ± 0.01
Lbs/Gallon		8.51 ± 0.1
Flash Point, PMCC, °F		None

<b>Concentration:</b>	4% (25:1)	5% (20:1)	7% (14:1)	10% (10:1)
<b>Refractometer Reading:</b>	2.0	2.5	3.5	5.0
<b>Recommended Starting Dilutions</b>	Milling, Drilling, Turning			20:1 (5%)
	Centerless, ID, OD, Surface Grinding			25:1 (4%)
	Tapping, Reaming, Sawing			10:1 (10%)

When mixing coolant, it is best to use an automatic proportioner which accurately and thoroughly mixes coolant. **Always** replenish the coolant with a mixture of coolant and water, not just coolant or water. **Never** add coolant concentrate directly to the sump.

#### AVAILABILITY:

**Gulfcut® SS 550 HD** is available throughout Gulf’s marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF(4853) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).