



Lyden Oil Company

ProGuard

Product Information

ProGuard MeritCut 519

ProGuard MeritCut 519 combines the superior chemical flexibility of synthetics with 15% mineral oil for corrosion protection and lubrication. **ProGuard MeritCut 519** 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”.

Advantages

Eliminates Need for Tank Side Additives
Exceptional Hard Water Stability
Operator Friendly and Clean Running
Very Low Foam for High Pressure Operations

Excellent Corrosion Inhibition
Outstanding Lubricity for Superior Finishes
Superior Sump Life

Concentration Ratio Brix Reading

4%	5%	6%	7%	8%	9%	10%
25:1	20:1	17:1	14:1	12:1	11:1	10:1
2.0	2.5	3.0	3.5	4.0	4.5	5.0

Recommended Starting Dilutions

Centerless, ID, OD, Surface Grinding	25:1 (4%)
Milling, Drilling, Turning	20:1 (5%)
Tapping, Sawing, Reaming	10:1 (10%)

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Appearance - concentrate
Appearance - dilution
Odor
Residual Film
pH @ 20:1 (5 %)
Specific Gravity @ 60°F
Lbs./Gallon
Chlorine, %

Blue liquid
Translucent Blue
Bland
Soft, Fluid
9.2 ± 0.3
1.02 ± 0.01
8.51 ± 0.1
None

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