



Lyden Oil Company

ProGuard

Product Information

ProGuard MeritCut 810A

ProGuard MeritCut 810A is a medium-to-heavy duty biostatic micro-emulsion coolant. It is designed to be extended with water for the machining and grinding of virtually all metals except magnesium. This chlorine-free formula is especially suited for aerospace and other applications which restrict the use of chlorine.

ProGuard MeritCut 810A has exceptional foam control for high pressure operations and was designed using raw materials that have the ability to resist extreme biological degradation, thus providing very long sump life in a properly maintained machine tool.

ProGuard MeritCut 810A is designed for use in metalworking applications such as CNC milling, turning, drilling, tapping, grinding and sawing applications.

Advantages	Eliminates Need for Tankside Additives Mild Pleasant Odor Excellent Corrosion Inhibition	Very Long Lasting Excellent Hard Water Stability
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Concentration Ratio	4%	5%	6%	7%	8%	9%	10%
Brix Reading	25:1	20:1	17:1	14:1	12:1	11:1	10:1
	4.8	6.0	7.2	8.4	9.6	10.8	12.0
Recommended Starting Dilutions	General Machining					14:1 (7%)	
	Grinding					25:1 (4%)	
	Tapping, Drilling, Reaming					10:1 (10%)	

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Product Code Number	17825
Appearance - concentrate	Amber liquid
Appearance - dilution	Opaque amber liquid
Residual Film	Soft, Fluid
pH @ 20:1 (5 %)	9.3 ± 0.2
Specific Gravity @ 60°F	0.94 ± 0.03
Lbs./Gallon	7.85 ± 0.1
Chlorine, %	None
Flash Point, °C (°F), ASTM D-92	179 (355)

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