



Lyden Oil Company

ProGuard

Product Information

ProGuard ProCut Synthetic 751 Blue

ProGuard ProCut Synthetic 751 Blue is a heavy-duty, oil-free synthetic cutting and grinding fluid concentrate designed to offer outstanding machining performance as well as excellent corrosion control on machinery and workpieces while providing a long sump life. This product may be used on a variety of metals, including steels, cast iron and aluminum; in operations ranging from grinding to turning to milling.

ProGuard ProCut Synthetic 751 Blue has been designed for machining most metals except magnesium. Excellent on cast iron. This product may also be used for grinding: blanchard, diamond wheel, centerless, belt, disk, etc.

NOTE: Since this product is completely oil-free, it may be used in most coolant mist units for machining and grinding operations.

Advantages

Superior Machining Lubrication

Nitrite-Free

Chlorine-Free

Long Tank Life

Excellent Cooling for Ability to Maintain Close Tolerances

Very Low Foam – Excellent on High Pressure, High Speed Machining

Resistant to Damage from Tramp Oil

Tolerant of Hard Water

Excellent Corrosion Inhibition

Concentration Ratio	2.9%	4%	5%	7%	10%
Brix Reading	35:1	25:1	20:1	14:1	10:1
	0.55	1.3	1.6	2.2	3.2

Recommended Starting Dilutions	Center-less, ID, OD, Surface Grinding	25:1 (4%)
	Milling, Drilling, Turning	20:1 (5%) to 10:1 (10%)
	Misting Applications	35:1 (2.9%)

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Product Code Number 17938

Appearance - concentrate	Blue liquid
Appearance - dilution	Transparent blue liquid
Residual Film	Soft, Soluble
pH @ 20:1 (5 %)	9.5 ± 0.3
Specific Gravity @ 60°F	1.03 ± 0.02
Lbs./Gallon	8.60 ± 0.1
Flash Point, °C (°F), ASTM D-92	None

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