



Lyden Oil Company

ProGuard

Product Information

ProGuard MeritCut Micro EP

ProGuard MeritCut Micro EP is a heavy duty biostable, semi-synthetic, high pressure metalworking coolant. It combines the superior chemical flexibility of synthetics with mineral oil and a chlorinated extreme-pressure additive.

ProGuard MeritCut Micro EP has exceptional foam control, hard water stability and tramp oil rejection. It provides outstanding extreme-pressure lubricity for machining and grinding virtually all metals, particularly Aluminum, Stainless Steels and other hard to machine alloys without the use of DCHA. **ProGuard MeritCut Micro EP** is not recommended for use on Magnesium.

Applications

ProGuard MeritCut Micro EP is designed for use in high and low pressure metal removal operations such as all CNC milling, turning, drilling, tapping, grinding and sawing.

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
	3.6	4.5	5.3	6.2	7.1	8.0	8.9
Recommended Starting Dilutions	Center-less, ID, OD, Surface Grinding Milling, Drilling, Turning Tapping, Sawing, Reaming					25:1 (4%) 20:1 (5%) 10:1 (10%)	

ProGuard MeritCut Micro EP

Appearance - concentrate	Amber liquid
Appearance - dilution	Transparent amber liquid
Residual Film	Soft, Fluid
pH @ 20:1 (5 %)	9.4 ± 0.2
Specific Gravity @ 60°F	1.01 ± 0.02
Lbs./Gallon	8.43 ± 0.1
Total Chlorine, wt%	3-5 max
Total Sulfur, wt%	1-2
Flash Point, °C (°F), ASTM D-92	None

Lyden Oil Company

30692 Tracy Road
Walbridge, OH 43465
1(800)24-LYDEN
local: (419)666-1948
fax: (419)666-8790
gam@lydenoil.com

3711 LeHarps Road
Youngstown, OH 44515
1(800)362-9410
local: (330)792-1100
fax: (330)792-1462
lal@lydenoil.com

16275 National Parkway
Lansing, MI 48906
1(800)968-6457
local: (517)485-2285
fax: (517)485-0605
jtr@lydenoil.com

8151 Millis Road
Shelby Township, MI 48317
local: (586)997-1319
fax: (586)997-1352
jcc@lydenoil.com

3249 Wales Ave. NW
Massillon, OH 44646
local: (330)832-7800
fax: (330)832-2787
lal@lydenoil.com