



# Lyden Oil Company

## ProGuard Product Data

### ProGuard Sparkool MP Semi-Synthetic Machining Coolant Product Data Sheet

**ProGuard Sparkool MP** is a semi synthetic machining and grinding coolant designed for use with ferrous and nonferrous metals. **ProGuard Sparkool MP** mixes well with soft and hard water to form a high quality semi-synthetic metal working fluid which will provide excellent cooling and wetting properties as well as high lubricity for maximum tool life and fine surface finish to machined parts. The antibacterial package in **ProGuard Sparkool MP** combats the growth of fungus and harmful microorganisms in machine sumps and reservoirs. Typical dilution ratios for most machining applications range from 5% to 10%. **ProGuard Sparkool MP** is recommended for general purpose machining and grinding.

#### Outstanding Features

- Excellent Cooling & Wetting Properties
- Good Surface Finish
- Extends Wheel Life
- Bacteria & Fungus Inhibitor

#### Typical Applications Include

- Drilling
- Turning
- Center Less Grinding
- OD Grinding
- Milling
- Sawing

#### Physical Specifications

Color	Pink
Odor	Characteristic
Appearance	Clear
pH 10:1 Solution	8.70-9.70
Density (lbs/gal)	8.513
Specific Gravity	1.0224
Foam Height	Low
Hard Water Solubility	Good

#### Refractometer Readings

10:1	4.5
20:1	2.25
30:1	1.50
40:1	1.125

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