



Lyden Oil Company

ProGuard Product Data

ProGuard Sparsol MD Machining, Grinding, Cutting & Roll Forming Coolant Product Data Sheet

ProGuard Sparsol MD represents a new chemistry in water soluble oils. **ProGuard Sparsol MD** has been developed to emulsify easily and to form a stable emulsion after mixing. This product is designed to work as a medium to heavy duty cutting and grinding fluid. It contains extreme pressure additives as well as fungal and bacterial growth inhibitors. **ProGuard Sparsol MD** contains a petroleum sulfonate and can be used on a variety of metal working applications even when mixed with hard water.

ProGuard Sparsol MD is a medium to heavy duty soluble oil and will provide excellent anti wear properties for both tool and work piece. It is designed to provide long sump life and operator satisfaction.

Outstanding Features

- Excellent Cooling
- Good Lubricity
- Extended Tool Life
- Good Surface Finish
- Stable Emulsion
- Good Rust & Corrosion Protection

Typical Applications Include

- Milling
- Deep Hole Drilling
- Tapping
- Sawing
- Grinding

Physical Specifications

Color	Blue/Green
Odor	Characteristic
Appearance	Clear, Liquid
Viscosity @ 40°C Cst	50-60
Viscosity @ 100°F Sus	230-285
Specific Gravity @ 60°F	0.9806
A.P.I. Gravity @ 60°F	12.0
Density (lbs/gal)	8.10

Refractometer Readings

5:1	15.0
10:1	10.0
15:1	7.5
20:1	5.0

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