



# Lyden Oil Company

## ProGuard Product Data

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

**ProGuard Sparsol HD** represents a new chemistry in the formulation of water soluble metalworking oils. This product has been developed using the most modern vegetable based oils, designed to form a versatile, tight emulsion. **ProGuard Sparsol HD** contains a chlorinated extreme pressure additive and will provide excellent cooling and lubricity for medium to heavy duty applications. It can be used for machining and grinding of ferrous and nonferrous metals. Anti-wear and anti-weld properties of **ProGuard Sparsol HD** provide extra protection in heavy duty applications. **ProGuard Sparsol HD** has been developed to provide excellent results as a medium to heavy duty soluble oil. When properly mixed with water it will provide the user a versatile, long lasting and economical metalworking fluid.

#### Outstanding Features

- Excellent Cooling & Lubricity
- Emulsifies Easily With Water
- Excellent Rust Protection
- Bacteria & Fungus Inhibited for Long Sump Life

#### Typical Applications Include

- Drilling
- Grinding
- Milling
- Roll Forming
- Sawing

#### Physical Specifications

Color	Amber
Odor	Characteristic
Appearance	Clear, Liquid
Viscosity @ 40°C Cst	120-170
Viscosity @ 100°F Sus	556-788
Flash Point	310°F
Specific Gravity @ 60°F	0.9727
Density (lbs/gal)	8.10

#### Refractometer Readings

5%	5.0
6%	6.0
7%	7.0
8%	8.0
9%	9.0
10%	10.0

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