



# Lyden Oil Company

## ProGuard Product Data

### ProGuard Sparsol CF Chlorine-free Machining, Grinding & Cutting Fluid Product Data Sheet

**ProGuard Sparsol CF** is an advanced, chlorine free soluble oil designed for a variety of metalworking applications. **ProGuard Sparsol CF** uses a vegetable oil based formula and contains polar lubricity agents. The product mixes easily with water and will form a good stable emulsion. **ProGuard Sparsol CF** is designed for use in light to medium metalworking applications and can be used for ferrous and nonferrous materials. Bacterial and fungal inhibitors have been built into **ProGuard Sparsol CF** to extend sump life and prevent user discomfort. **ProGuard Sparsol CF** will provide good rust protection for machine, tool and work piece. It has low foaming characteristics which makes it an ideal choice for high speed machining and grinding.

#### Outstanding Features

- Excellent Cooling & Lubricity
- Reduces Tool & Grinding Wheel Wear
- Provides Good Corrosion Protection
- Mixes Easily to Form a Stable Emulsion

#### Typical Applications Include

- Milling
- Sawing
- Roll Forming
- Grinding

#### Physical Specifications

Color	Amber
Odor	Characteristic
Appearance	Clear, Liquid
Viscosity @ 40°C Cst	35-55
Viscosity @ 100°F Sus	165-255
Flash Point	310°F
Specific Gravity @ 60°F	0.9335
Density (lbs/gal)	7.774

#### Refractometer Readings

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

071116

### Lyden Oil Company

3249 Wales Ave. NW  
Massillon, OH 44646  
(330)832-7800  
fax: (330)832-2787

3711 LeHarps Rd.  
Youngstown, OH  
(800)362-9410  
fax: (330)792-1462

2649 Tracy Rd.  
Northwood, OH  
(800)245-9336  
fax: (419)666-8790

419 Spring St.  
Lansing, MI 48101  
(800)968-6457  
fax: (517)485-0605

24200 W. Outer Dr.  
Allen Park, MI 48912  
(313)383-0097  
fax: (313)383-2342