



Lyden Oil Company

ProGuard Product Data

ProGuard Spargrind Co-Cool Synthetic Carbide Grinding Coolant Product Data Sheet

ProGuard Spargrind Co-Cool is a synthetic machining and grinding fluid specially developed for use in carbide grinding applications. The addition of a cobalt leaching inhibitor make **ProGuard Spargrind Co-Cool** an excellent choice when carbide is present in the work piece. **ProGuard Spargrind Co-Cool** also contains an additive package which provides exceptional hard water stability as well as low foaming characteristics. The product readily rejects tramp oil and improves machine cleanliness while extending sump life. **ProGuard Spargrind Co-Cool** is a biodegradable, full synthetic machining and grinding fluid specifically designed for use when carbide cobalt leaching is a concern. The buffered pH of the product provides excellent stability over a wide range of dilution ratios. **ProGuard Spargrind Co-Cool** may be used when machining a variety of materials that include carbide, aluminum, carbon steel, stainless steel and other alloys.

Outstanding Features

- Biodegradable
- Excellent Hard Water Stability
- Rejects Tramp Oil
- Resists Cobalt Leaching
- Good Corrosion Protection

Typical Applications Include

- Grinding
- Milling
- Sawing

Physical Specifications

Color	Green
Odor	Characteristic
Appearance	Clear
pH 10:1 Solution	8.50-9.50
Foam Height	Low Foaming
Specific Gravity	1.01
Hard Water Solubility	Good
Density (lbs/gal)	8.400

Refractometer Readings

20:1	2.0
30:1	1.5
40:1	1.0

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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