



# Lyden Oil Company

## ProGuard

### Product Information

#### **ProGuard SparKool HP-21E**

SEMI-SYNTHETIC MACHINING AND GRINDING COOLANT

**ProGuard SparKool HP-21E** is a multipurpose, semi-synthetic machining and grinding coolant fortified with a chlorinated extreme pressure additive package.

**ProGuard SparKool HP-21E** has superior cooling and wetting properties that result in longer tool & wheel life and can be used on a variety of ferrous and non-ferrous metalworking applications.

Typical dilution ratios are 10:1 to 20:1

#### Typical Properties

#### **ProGuard SparKool HP-21E**

Product Code Number	809082
Color	Blue
Odor	Characteristic
Appearance	Clear Liquid
Specific Gravity, ASTM D-1298	1.017
Density, lbs/gal	8.4762
Ph (diluted 10:1)	9.60
Pour Point, °F	32
Chlorine	Present
Refractometer Readings, brix	2.3 at 5% 4.6 at 10%

#### **Lyden Oil Company**

30692 Tracy Road  
Walbridge, OH 43465  
1(800)24-LYDEN  
local: (419)666-1948  
fax: (419)666-8790  
gam@lydenoil.com

3711 LeHarms Road  
Youngstown, OH 44515  
1(800)362-9410  
local: (330)792-1100  
fax: (330)792-1462  
lal@lydenoil.com

16275 National Parkway  
Lansing, MI 48906  
1(800)968-6457  
local: (517)485-2285  
fax: (517)485-0605  
jtr@lydenoil.com

8151 Millis Road  
Shelby Township, MI 48317  
local: (586)997-1319  
fax: (586)997-1352  
jcc@lydenoil.com

3249 Wales Ave. NW  
Massillon, OH 44646  
local: (330)832-7800  
fax: (330)832-2787  
lal@lydenoil.com