



Lyden Oil Company

ProGuard

Product Information

ProGuard SparKool HD

SEMI-SYNTHETIC MACHINING AND GRINDING COOLANT

ProGuard SparKool HD is a multipurpose semi-synthetic machining and grinding coolant that contains a chlorinated EP additive and inactive sulfur. It features a fortified anti-bacterial and anti-fungal bio package to provide the user with stable, trouble free performance and is recommended for heavy-to-moderate duty applications on ferrous and non-ferrous metals.

ProGuard SparKool HD is designed to remain stable even when used with hard water. It possesses superior cooling and wetting properties that will result in longer tool and wheel life for the user, and remains clear when mixed. Can be used in milling, turning and grinding operations on virtually all metal types.

ProGuard SparKool HD mixes well with most degrees of water hardness to form a high quality metalworking fluid. Typical dilution ratios range from 5% to 10%.

Outstanding Features

- Superior cooling and wetting
- Fortified for long sump life
- Resists fungal and bacterial growth
- Hard water stable

Typical Applications

- Milling
- Turning
- Drilling
- Tapping
- Sawing

Typical Properties

ProGuard SparKool HD

Product Code Number	809163
Color	Amber
Odor	Characteristic
Appearance	Clear Liquid
Specific Gravity, ASTM D-1298	0.9835
Density, lbs/gal	8.19
Ph (diluted 10:1)	9.45
Pour Point, °F	32
Chlorine	Present
Refractometer Readings, brix	3.25 at 5% 6.50 at 10%

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