



PRODUCT DATA SHEET

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POWER-CUT

PRODUCT DESCRIPTION

Power-Cut is dark amber water-soluble oil cutting & grinding fluid that becomes whitish in color upon dilution. It is designed with a premium extreme pressure additive (EP) package for heavy duty machining applications of most materials. It is both operator and environmentally friendly. Power-Cut offers excellent corrosion protection on ferrous metals.

GENERAL APPLICATION

Power-Cut is typically used in heavy-duty machining applications like tapping, and sawing. It is suitable for use with a variety of materials including ferrous metals, cast iron, stainless steels, and non-ferrous alloys. It is non-staining to most copper and aluminum alloys

ATTRIBUTES

- Excellent corrosion protection
- Excellent tool life
- Good surface finish
- Ferrous & non-ferrous metals and super alloys
- Heavy duty applications

TYPICAL PHYSICAL PROPERTIES

Appearance:	
Undiluted Concentrate:	Clear, dark fluid
Weight/Gallon (25° C):	7.90 lbs./gal
Typical Dilution:	Milky Whitish fluid
Flash Point:	350° F

APPLICATION INFORMATION

Operation	Dilution	Refractometer Reading	pH
Sawing	10:1	10.0	9.1
General Machining	20:1	5.0	8.9
Grinding	25:1	4.0	8.8

DIRECTIONS

Add desired amount of water to sump. Add desired amount of undiluted Power-Cut to the water in the sump. Use moderate agitation to mix thoroughly by pump circulation or by stirring. Measure refractometer readings and adjust as necessary. For optimal coolant performance, it is important to maintain consistent coolant concentrations. Check concentration levels daily with a refractometer. Effort should be made to remove tramp oil contamination on a regular basis. Prevent the addition of other contaminants to the fluid system

*Solutions For **ALL** Your Sawing Needs*