



## PRODUCT DATA SHEET

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### POWER-CUT GP

#### PRODUCT DESCRIPTION

Power-Cut GP is dark amber water-soluble oil cutting & grinding fluid that becomes whitish in color upon dilution. It is designed for use in medium duty machining applications of ferrous metals, aluminum, and super alloys. It is both operator and environmentally friendly. Power-Cut GP offers excellent corrosion protection on ferrous metals.

#### GENERAL APPLICATION

Power-Cut GP is typically used in medium duty machining applications like turning, boring, milling, and grinding. It is suitable for use with a variety of materials including ferrous metals, super alloys, and many aluminum types. Power-Cut GP is used in shops where there are a variety of materials and applications.

#### ATTRIBUTES

- Excellent corrosion protection
- Excellent tool life
- Good surface finish
- Broad material and application applicability
- Medium duty applications

#### TYPICAL PHYSICAL PROPERTIES

Appearance:	
Undiluted Concentrate:	Clear, dark amber fluid
Weight/Gallon (25° C):	7.75 lbs/gal
Typical Dilution:	Milky Whitish fluid
Flash Point:	350° F

#### APPLICATION INFORMATION

Operation	Dilution	Refractometer Reading	pH
Sawing	<b>10:1</b>	<b>10.0</b>	<b>9.0</b>
General Machining	<b>20:1</b>	<b>5.0</b>	<b>8.8</b>
Grinding	<b>25:1</b>	<b>4.0</b>	<b>8.6</b>

#### DIRECTIONS

Add desired amount of water to sump. Add desired amount of undiluted Power-Cut GP 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.

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