



Technical Data Sheet

POWR-CUT HD

Bio-stable Medium Oil Semi-Synthetic
with EP Properties

POWR-CUT HD is a sulfonate free, bio-stable semi-synthetic cutting fluid capable of machining high alloy and stainless steels or other difficult non-ferrous and ferrous metals. The unique performance package produces excellent finishes on a wide range of materials with very low consumption. Other key benefits of **POWR-CUT HD** are its hard water stability and oil-rejecting capabilities.

TYPICAL PROPERTIES

Appearance of Concentrate.....	Blue liquid
Appearance of 5% Emulsion	Translucent to Slightly Opaque
pH of Concentrate	9.4 – 9.6
pH of Emulsion @ 5%	9.1 – 9.3
Specific Gravity (20° C)	0.98

RECOMMENDED APPLICATIONS AND DILUTIONS

POWR-CUT HD is recommended for both general and very difficult machining and grinding applications involving high alloy and stainless steel as well as aluminum and its alloys.

Turning, Milling, Drilling and Sawing	4% - 6%
Broaching, Tapping, Threading	5% - 8%
Grinding	2% - 4%
Factor (1.50)	

AVAILABILITY

Product is available in 5-gallon pails and 55-gallon drums. .All sales F.O.B. Cincinnati, OH.