



Technical Data Sheet

POWR-CUT TS

Biostable Synthetic Grinding and Cutting Fluid

POWR-CUT TS is an oil rejecting synthetic cutting fluid formulated for general purpose ferrous and non-ferrous machining and grinding applications. POWR-CUT TS's unique formulation provides superior oil rejecting properties, corrosion protection, hard water stability and low foam generation even in DI water.

Typical Properties

AppearanceBlue color, Slightly Viscous
OdorMild amine
Specific Gravity 1.04
Alkalinity 95 mg KOH/gm
pH (neat material) 9.80
pH (typical operating concentration) 9.34

Corrosion Protection

Percent POWR-CUT TS	Results
0.5%	No rust
1.0%	No rust
2.0%	No rust
3.0%	No rust

Suggested Applications

Double Disk Grinding 2% to 4%
Grinding 3% to 5%
Machining 5% to 7%
Centerless Grinding 3% to 7%
Factor (2.50)

Availability

POWR-CUT TS is available in 55-gallon and 5-gallon non-returnable drums. All sales are f.o.b.Detroit, MI.