



# POLY-CUT™ MACHINING FLUID

## PRODUCT INFORMATION

Poly-Cut™ is a machining fluid that can be used to machine almost any material. It dissipates heat better than any other product on the market and, with our exclusive “EP Polymer”, eliminates welding or chip build-up on your inserts and end-mills giving you an exceptional finish. It will provide a superior finish much like kerosene and oil but without the hazards. It is recommended for recapture and when not recapturing your cutting fluid. Our unique “EP Polymer” is also what makes Poly-Cut™ capable of being used in virtually every application within the machining industry. In addition to metals, our products can be used to machine plastics, acrylic, glass, ceramics, rubber, and carbide.

## FEATURES

Great for all metals including aluminum, titanium, zinc, copper, Inconel®, hastelloy®, and steel.  
Great for plastics, ceramic, rubber, Teflon® and glass  
Requires less product than traditional machining fluids  
Does not contain wax, active or inactive sulfur, phenol, fluorocarbons, boron, phosphorus, mercury or any heavy metals, or silicone.  
Clean to work with and will not smoke, will not stain skin or clothing, it will not corrode ferrous metals, and does not cause dermatitis  
It can be used on finished parts for atomic reactors, space craft, aircraft, jet or rocket engines.  
It is a plant based machining fluid  
Self-cleaning properties  
Excellent for all machining applications, including high pressure systems.



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SDS is available on our website.



## PACKAGES

DP 1 – 1 GAL JUG

DP 5 – 5 GAL PAIL

DP 50 – 50 GAL DRUM

DP 275 – 275 GAL TOTE

## APPLICATIONS

- Boring
- Broaching
- Drilling
- Engraving
- Facing
- Milling
- Reaming
- Sawing
- Tapping
- Threading
- Turning

## PROPERTIES

- Boiling Point: 190F
- PH 8.1 + or – 0.2 Rate: negligible
- Specific Gravity (H2O=1): .95
- Appearance and Odor: Viscous, blue liquid, with aromatic odor
- Vapor Pressure: negligible
- Vapor Density: negligible
- Evaporation rate: negligible
- Volatile: negligible
- Solubility in Water: Complete

