Consultant Lubricants, Inc

4123 Machining / Grinding Fluid

N A N O *Heavy-Duty, Nanotechnology Formula*

① Coolant Life - 4123 provides exceptionally long coolant life with trouble free performance up to a year or longer while eliminating rancidity as a reason for coolant change.

② Tool Wear / Surface Finish - Whether on steel or softer materials like aluminum, 4123 interfaces at the tool with extreme pressure chemistry to provide the longest life possible. Lubricity additives maintain optimum finish on threads and milled surfaces.

③ Reduce Corrosion on Machine / Parts - 4123 provides excellent corrosion protection on machine tool and parts being produced, including problematic cast iron.

④ Tramp Oil Rejection - 4123 Series is treated with dual biocides to effectively manage fungal and bacterial levels. Using unique oil splitting technology to separate tramp oils for removal by skimmers.

Consultant Lubricants' 4123 Machining Fluid & Coolant is used in various machining, grinding and sawing applications, is fully synthetic and mixes readily with water on a molecular level.

There are no emulsified oils or petrochemicals. 4123 is fortified with synthetic polymers that provide "oil-like" films to produce lubricating interfaces during machining, essentially allowing water to wet which allows the polymers to provide a tool / work piece interface.

These films also penetrate the chuck, providing for easy tool changes. 4123 reduces cost thru less coolant consumption by remaining in the coolant as the water evaporates, requiring less coolant concentrate to maintain coolant after the initial charge.

4123 is the cleanest running coolant on the market today, bonds on the molecular level with water, resulting in longer tool life and smoother surface finishes.

Request A Trial Sample and Prove It For Yourself!