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BESTCOOL 208

Bestcool 208 is a completely synthetic, heavy duty, water soluble, metal working fluid designed for a large cross section of metal working operations. This is not merely a coolant, a lubricant, or a rust inhibitor, but a unique combination of all these functions plus many added features. It contains a high level of additives that improve lubricity and give it extreme pressure properties not found in most synthetic coolants. Also included are several additives designed to give it a long, trouble free life and prevent spoilage, bacterial growth, and residue build up. Unlike most metal working fluids, it is not affected by hard water, and functions to reduce the misting of water-based fluid. This metal working fluid itself acts as a light duty cleaner for parts and equipment, and deposits a short-term rust protective film.

SUPERIOR MULTIPURPOSE FORMULATION

- * Very High Dilution Rates
- * Provides EP Properties
- * Transparent - Can See Work
- * Good Wetting - Superior Coolant
- * Excellent Rust Protection
- * Broad Spectrum Bactericide
- * Hard Water Compatible
- * Low Foam
- * Rejects Tramp Oils
- * Reduced Mist Properties
- * Nonstaining
- * No Residue Build Up

COMPLETELY STABLE - Long life & trouble free operation assure low overall costs & high performance.

- * Chemically Stable
- * Thermally Stable
- * Hydraulically Stable
- * Shear Stable
- * Biologically Stable
- * Hard Water Stable

APPLICATIONS & USE INFORMATION

Use levels will vary with machining operations, speeds, feeds, and materials. The following are general starting guides:

<u>MACHINE OPERATIONS</u>	BESTCOOL 208 DILUTION RATIO WITH WATER
FOR LIGHT TO HEAVY DUTY CUTTING	
Milling, Drilling, Turning, Boring, Slotting, Sawing, & Reaming	1:20 - 1:50
Turret & Engine Lathes	1:10 - 1:50
Automatic Chucking Machines **	
Automatic Screw Machines **	
FOR ALL TYPES OF GRINDING	

Surface, Cylindrical, & Centerless	1:40 - 1:75
FOR BROACHING, TAPPING & THREADING	1:5 - 1:20

Exact ratios must be determined under actual operating conditions and depend on the items noted above plus the surface finish and rust protection required.

****NOTE:** Do not use on automatic screw machines requiring a common machine lubricant and coolant. (Diluted viscosity not adequate.)