

MB

100 C COOLANT

MB 100 C is a multi-purpose emulsifying oil based product for use in all metal working processes. It is a water soluble "LUBRI-COOLANT" for use in machining all types of metals, including steel, cast iron, aluminum, and stainless. MB 100 C's excellent anti-rust and germicide agents give it extended shelf life and virtually no spoilage in expensive machines. The corrosion inhibiting agents also prevent rust from forming on the finished parts after the machining operations.

CHECK THESE FEATURES:

- ✓ Non Foaming
- ✓ Non Smoking
- ✓ Non Carcinogenic
- ✓ Increases tool life at very low concentrations
- ✓ Biodegradable and easily handled for removal and disposal
- ✓ Non toxic; no irritation to machine operator and no odor
- ✓ Non staining; either the work piece or expensive machines
- ✓ Long coolant life; premium high pressure lubricants prevent mature material breakdown
- ✓ Mixes well in hard water and forms a very stable non-separating coolant

APPLICATIONS:

- | | | |
|--------------|------------------|------------|
| 1. Broaching | 4. Grinding | 7. Tapping |
| 2. Cutting | 5. Light Drawing | 8. Turning |
| 3. Drilling | 6. Hobbing | |

MB 100 C Coolant is a high-tech lubricant with a wide range of use and versatility. Use of this product will eliminate the need for stocking of numerous and varied products which basically do the same job.

MB 100 C PROPERTIES:

- | | |
|-------------------------------|---------------|
| 1. Viscosity Sus/100F | 296.7 |
| 2. Pour Point | -20 Degrees F |
| 3. Gravity API @ 60 Degrees F | 12.6 |
| 4. Sulfur % | 0.982 |
| 5. Chlorine % | 0.40 |
| 6. Pounds per gallon | 4.06 |
| 7. Flash Point | 8.17 |
| 8. Emulsion Appearance | Off White |



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RECOMMENDED CONCENTRATES FOR THE FOLLOWING APPLICATIONS:

<u>OPERATION</u>	<u>REDUCTION</u>	<u>REFRACTOMETER</u>
BROACHING	5 : 1	14.0
CUTTING	40 : 1	3.0
DRILLING	30 : 1	3.5
GRINDING	40 : 1	3.0
LIGHT DRAWING	10 : 1	8.0
HOBGING	10 : 1	8.0
TAPPING	30 : 1	3.5
TURNING	30 : 1	3.5

THESE ARE "RECOMMENDED CONCENTRATIONS" BASED ON INDIVIDUAL FIELD APPLICATIONS. START AT REDUCTION LISTED AND ADD WATER UNTIL BEST OPERATING LEVEL IS ACHIEVED.