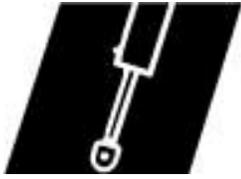


CB-20 MACHINE CLEANER



MACHINE CLEANER



TOTAL

Metalworking System Cleaner.

APPLICATIONS

System cleaner for metalworking systems.

- **CB-20 MACHINE CLEANER** is a metalworking fluid system cleaner. It will effectively clean a surface of oil, grease, hard water salts, and contaminants. This product should be used before introducing new coolants and may be used prior to or after discharging a sump of contaminated fluid. **CB-20** is most effective if the spent coolant is drained and a 2% to 4% solution of **CB-20** in water is allowed to circulate through the machine for a minimum of 30 minutes. An alternate method is to add **CB-20** to the spent coolant prior to draining. A treatment level of 3% to 5% of the total coolant volume is recommended. Re-circulate this mixture for a minimum of 2-3 hours. After circulating, remove, and flush the machine with water for 5 minutes. Immediately charge the machine with new coolant and circulate to avoid corrosion and resume normal operation. **CB-20** contains inhibitors to deter bacterial growth.

ADVANTAGES

- Biodegradable and non-hazardous.
- Excellent alkaline cleaner with superior rinse agents.
- Excellent sump cleaner.
- Superior in-process rust protection.

APPLICATION

| | |
|---------------|---------------------------------|
| Concentration | Soak 2% - 10% by volume |
| Temperature | Ambient to 180°F |
| Rinsing Time | Usually Employed As Required |

TYPICAL PROPERTIES

| | |
|-------------------------|---------------|
| Concentrate Appearance | Yellow Liquid |
| Specific Gravity @ 60°F | 1.07 |
| pH - Neat Solution | 11.0 - 13.0 |
| Odor | Mild Chemical |
| Metal Compatibility | Ferrous |
| Corrosion Protection | In-Process |

DISPOSABILITY

Initial dilutions of CB-20 are biodegradable. However, if fluids become contaminated with non-biodegradable materials, they should be removed prior to disposal in accordance with local, state, and federal requirements.

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