

# 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.

**TOTAL Specialties USA, Inc.**

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CLEANER

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.