



GET THE FUNK OUT!

RECOMMENDED USAGE INSTRUCTIONS

A premium metalworking fluid will realize its full performance potential only if it is installed in a clean system. Dirty equipment decreases operational performance *and* bath life while increasing costs and downtime. ICC will work with you to determine the most efficient and cost effective methods to ... **GET THE FUNK OUT!**

THE "NO WASH" OPTION

1. **Add 1 to 3 gallons of GET THE FUNK OUT! for every 100 gallons of metalworking solution or emulsion.** Add the machine cleaner directly to the existing coolant in the tank and permit circulation for 1-2 hours prior to dumping the bath.
2. **Drain the used metalworking fluid and machine cleaner from the system.** Manually remove chips, shavings, scrap and other solids from the sump, fluid supply lines, filters/media, catch pan, return troughs, and all other accessible areas.
3. **Charge the machine with new coolant.** Fill the sump with fresh water until the level reaches approximately 90-95% of normal working capacity. Start the pumps to begin circulation and add the requisite volume of an ICC metalworking fluid. Circulate the system for at least twenty (20) minutes, periodically checking the concentration. When a consistent reading is achieved, add enough fresh water to complete filling the system. Make final concentration adjustments as necessary.

THE "QUICK CLEAN"

1. **Drain the used metalworking fluid from the system.** Manually remove chips, shavings, scrap and other solids from the sump, fluid supply lines, filters/media, catch pan, return troughs, and all other accessible areas.
2. **Fill the system with fresh water and add 1 to 3 gallons of GET THE FUNK OUT! for every 100 gallons of water.** Circulate the system for 30-60 minutes to loosen sludge, emulsify oils, and remove biofilms. The total cleaning time will depend on the amount of work required. Drain the sump or system after the circulation period.
3. **Charge the machine with new coolant.** Fill the sump with fresh water until the level reaches approximately 90-95% of normal working capacity. Start the pumps to begin circulation and add the requisite volume of an ICC metalworking fluid. Circulate the system for at least twenty (20) minutes, periodically checking the concentration. When a consistent reading is achieved, add enough fresh water to complete filling the system. Make final concentration adjustments as necessary.

THE "FULL MONTY"

1. **Drain the used metalworking fluid from the system.** Manually remove chips, shavings, scrap and other solids from the sump, fluid supply lines, filters/media, catch pan, return troughs, and all other accessible areas.
2. **Circulate a fresh water rinse for up to thirty (30) minutes**, if time permits. Pressure-wash or steam clean all accessible surfaces with heated water and a liquid alkaline detergent to remove remaining chips, sludge, biofilms, oils, etc.
3. **Fill the system with fresh water and add 1 to 3 gallons of GET THE FUNK OUT! for every 100 gallons of water.** Circulate the system for 30 minutes (up to eight hours, if necessary), to loosen sludge, emulsify oils, and remove biofilms. The total cleaning time will depend on the amount of work required. Drain the sump or system after the circulation period.
4. **Circulate a fresh water rinse for up to thirty (30) minutes** or manually flush fresh water over equipment surfaces and through all lines and troughs. Open the discharge valve to allow the flushing water to drain from the sump.
5. **Inspect filters, return troughs and sumps, and remove any large solids that remain.** Use a stream of tap water to flush any remaining solids to the sump and to the drain. Continue to remove any and all soils and fines until full cleanliness is achieved.
6. **Charge the machine with new coolant.** Fill the sump with fresh water until the level reaches approximately 90-95% of normal working capacity. Start the pumps to begin circulation and add the requisite volume of an ICC metalworking fluid. Circulate the system for at least twenty (20) minutes, periodically checking the concentration. When a consistent reading is achieved, add enough fresh water to complete filling the system. Make final concentration adjustments as necessary.



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RECOMMENDED CLEANING PROCEDURES

