

Machine Tool Cleanout Procedures

The success of a new charge of coolant in any system depends largely on the condition of the system being charged. By using the following procedure one can be certain to obtain the optimum performance from the chosen fluid.

1. Drain the sump and remove all swarf, chips and sludge from the system sump, flumes and/or tank. Make certain that there is no debris in the system's clarification equipment, drag out conveyers, filters, centrifuges, etc.
2. Charge system tank to capacity with a 2% to 3% solution of Wallover's Wococlean 48 cleaner. Recirculate the cleaner through the system for 2 - 24 hours or until the machine, sump, flumes, and surrounding areas and equipment are clean. Use an extension hose from the fluid sump to clean the areas that are not accessible to the regular flow of fluid (floor, external machine areas, drag lines, etc.)
3. Drain completely and immediately rinse the system with a 2% solution of the fluid that will be used. This will ensure a thorough rinse of the system while minimizing the risk of corroding machine tool surfaces. Rinse system for 60 minutes or until all cleaned surfaces have been rinsed thoroughly.
4. Drain completely and immediately add water and then product concentrate. Always add product concentrate to water. Start pumps when the fluid level will allow pumping. By recirculating the fluid mixture you can facilitate proper mixing and ensure that the machine tools, flumes and fixtures have adequate corrosion protection.