



## CUTTING AND GRINDING FLUIDS SELECTION SURVEY

Company Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Account Mgr.: \_\_\_\_\_

Selecting the appropriate cutting and grinding fluid requires a close look at a number of factors. Here are the questions we ask to determine your needs and objectives.

1. Operation \_\_\_\_\_
2. Depth of Cut \_\_\_\_\_
3. Feed Rate \_\_\_\_\_
4. Part Description \_\_\_\_\_
5. Type of Tooling \_\_\_\_\_
6. Metal Type \_\_\_\_\_
7. Required Finish \_\_\_\_\_
8. Previous Operation \_\_\_\_\_
9. Next Operation \_\_\_\_\_
10. Corrosion Protection (How Long?) \_\_\_\_\_
11. Type of Fluid Preferred (Straight Oil, Soluble, Semi, Synthetic) \_\_\_\_\_
12. Competitive Fluid \_\_\_\_\_
13. Concentration \_\_\_\_\_
14. Fluid Pressure \_\_\_\_\_
15. Fluid System Capacity \_\_\_\_\_
16. Filtration System \_\_\_\_\_
17. Filter Type \_\_\_\_\_
18. Method of Waste Treatment \_\_\_\_\_
19. Chemical Restrictions \_\_\_\_\_
20. Worker Health/ Safety Requirements \_\_\_\_\_
21. Water Quality (Hardness) \_\_\_\_\_
22. Problems With Coolant Programs \_\_\_\_\_
23. Objectives For Coolant Programs \_\_\_\_\_