

Metal Working Fluid

Company : Contact Person :

Address :

Manufacturing Process :

1.Raw Materials

- | | | |
|--|-------------------------------------|------------------------------------|
| ☐ Auto Aluminium grade | ☐ Alloy Steel | ☐ Copper Alloy |
| ☐ Lead Steel | ☐ Cast Iron | ☐ Mild Steel |
| ☐ High Carbon | ☐ Brass, Bronze | ☐ Other..... |

2.Type of coolants

- | | | |
|-----------------------------|---|---------------------------------|
| ☐ Milky | ☐ Semi-Synthetic
(low oil /high oil) | ☐ Synthetic |
|-----------------------------|---|---------------------------------|

3. Used Product

Name of coolant	Distributor	Price	Concentrate	Remark
1.				
2.				
3.				

4.Type of tool

- | | | |
|--|--|------------------------------|
| ☐ High Stainless Steel | ☐ Tungsten Carbide | ☐ Cirmet |
| ☐ Ceramic | ☐ Other..... | |

5.Level of Duty

- | | | |
|-----------------------------|------------------------------|-----------------------------|
| ☐ Light | ☐ Medium | ☐ Heavy |
|-----------------------------|------------------------------|-----------------------------|

6.Applications

- | | | |
|--------------------------------|---------------------------------|----------------------------------|
| ☐ Grinding | ☐ Machining | ☐ Tapping |
| ☐ Drilling | ☐ Milling | ☐ Hobbing |
| ☐ Turning | ☐ Sawing | ☐ Other..... |

7.Duration of changing coolant

Period Cause

8.Problems or Improvement

Tool life

Corrosion/Stain

Price/Cost

Odor

Foam

Bacteria

Concentrate control

Services

Reported by :

Date :