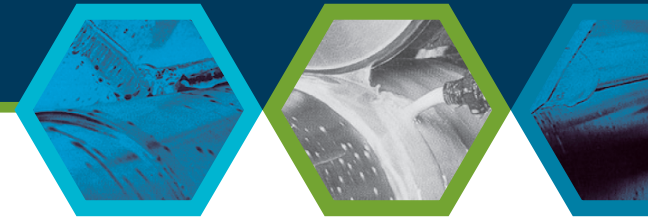


CT 8052-HS

METAL WORKING FLUID



CUSTOMER: LARGE INDUSTRIAL MANUFACTURER

PRODUCT

CT 8052 HS is a high performance, non-chlorinated cutting oil. CT 8052 HS has a noncorrosive high performance EP and lubricity package to provide machining capability on a multitude of metals. The use of the CT 8052 HS as both the cutting oil and lube oil assures excellent machinability and eliminates additive dilution on the cutting side.

BENEFITS

- Provides one product for the operation of the machine shop
- High performance EP package provides excellent performance on a variety of metals
- A chlorine free cutting oil
- Will not stain non-ferrous materials
- Can be used for machining as well as grinding
- Contains an anti-mist additive for cleaner work environment
- Low odor and transparent appearance provide good operator acceptance

PROCESS AND EQUIPMENT

| | |
|----------------------------|---|
| Industry/Market | Industrial |
| Product Type | Metal Working Fluid/Neat Oil |
| Product Number | 2547200000 |
| Machinery Involved | Multiple Operations: Honing, Reaming, Hobbing, Drilling |
| Description of Environment | Used in multiple machining operations. |
| Volume Used | 10,000 liters per year |
| Date of Use | 2011 to present |
| Documented Cost Savings | > \$10,000 per year |

▷ DESCRIPTION OF PROBLEM

The similar competitor products previously used gave a number of issues: an unacceptable tool life, caused smoking and burn marks on certain operations, had to be cleaned out and refilled frequently, had to be topped up regularly due to drag out on parts and cost a lot to dispose off (due to chlorine content).

▷ SOLUTION

The CT 8052-HS improved performance in all the machining operations compared to the previous products, showing an increase in productivity, cost savings (largely down to 30% increase in tool life, lower disposal costs and reduced usage) and removal of quality issues. The clean out frequency was also extended on the machine tools saving time, reducing waste and reducing cost. The product is chlorine free improving on safety and reducing disposal costs.

▷ CUSTOMER TESTIMONIAL

The customers rely on the CT 8052-HS for there most challenging machining operations with confidence it will not cause any machining issues.