

## ASHBURN'S APEX 8500 INCREASES TOOL LIFE 3X WHEN MACHINING STAINLESS STEEL



**THE WIN:** Ashburn's Apex 8500 increases tool life by 3x on 17-4 stainless steel, 2x on 718 Inconel, and 4x on carbon 1018 and 4130 steel.

**Challenge:** A family-owned manufacturing shop recently started having issues with a product they had been using for three-four years. Despite troubleshooting, the manufacturing shop continued to struggle with foam issues and coolant splitting in the sump when machining stainless steel, Inconel and carbon steel. These issues lead to frequent downtime, loss in productivity and significant loss in tool life.

The manufacturer was looking for a product to reduce foam and help increase tool life.

**Solution:** After meeting with an Ashburn representative, the customer tested **Apex 8500** heavy-duty semi-synthetic metalworking fluid. **Apex 8500** is excellent for use in difficult metal cutting and metal forming operations. This product worked well for the customer because it does not cause excessive foaming.

**Result:** After switching to **Apex 8500** the customer saw a significant foam reduction. They were also able to **increase tool life by 3x on 17-4 stainless steel, 2x on 718 Inconel, and 4x on carbon 1018 and 4130 steel.** With increased tool life came higher productivity and increased cost savings.

**Ashburn Chemical Technologies**  
7403 Wright Road  
Houston, TX 77041  
832.399.1000  
ashburnchemical.com  
communications@ashburnchemical.com

