



- COMPANY:** Medium Sized Precision Machine Shop – Illinois, USA
Focus on Cast Iron Components
- OBJECTIVE:** Improve Sump Life & Performance over previous Soluble Oil
- OPERATION:** Machining parts for Automotive and Industrial Applications
- EQUIPMENT:** Vertical Machining Centers & CNC Lathes
- MATERIALS USED:** Gray Cast Iron & Low Carbon Steels
- TOOLING:** Indexable Carbide Inserts, HSS & Solid Carbide Endmills
HSS Drills & Taps
- DELIVERY METHOD:** Recirculating flood systems 50 to 200 gallon capacity
- RESULTS:**
- Increased Sump Life From 3 Months to Over 12+ Months
 - Improved Tool Life 25% on Indexable Tooling
 - Improved Tool Life 45% on HSS Tooling
 - Reduced Disposal Costs
 - Easy to Mix & Stable in Hard Water (32 Grain)
 - Excellent Operator Acceptance
 - Formulation Allows Chips to be Carried back to Sump