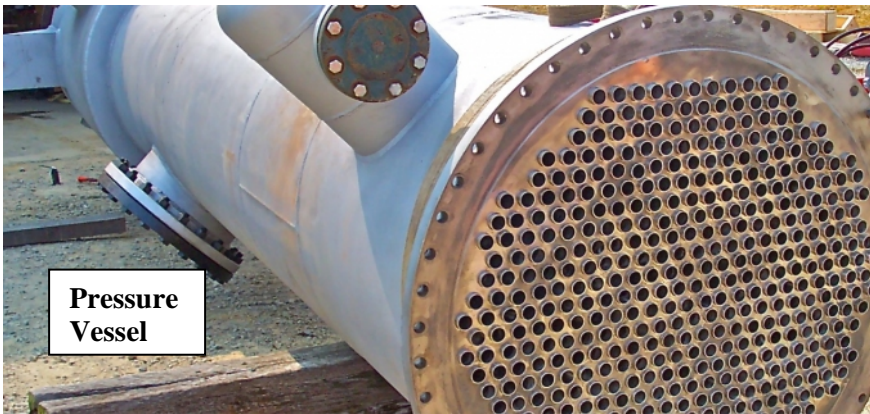




Product Overview

A biostatic, ultra high performance, and chlorine free ‘Super Synthetic’ designed for high pressure coolant systems in machining operations on aluminum and ferrous metals, but all metal safe. It provides exceptional performance with state of the art lubricity additives while rejecting tramp oil efficiently. Towerkem 578 also features excellent hard water stability, minimal residue characteristics, outstanding corrosion protection, and can greatly enhance tool life and increase sump life.



COMPANY:

Midwest Custom Manufacturing and Machining

OBJECTIVE:

- Increase Drill and Tap Life
- Eliminate Sticky Residue

COMPONENT:

Steel Plates for Custom Pressure Vessels

OPERATION:

- Tapping with Hi Spiral Cut Taps
- Drilling with HSS Tin Coated Drills

MATERIAL:

A-36 Steel Plates

APPLICATION

Flood Coolant

METHOD:

PREVIOUS

LUBRICANTS:

Synthetic and Semi-Synthetic run @ 7-10%

RESULTS:

- Towerkem 578 @ 10%
- Tap Life Improved from 50-200%
- Drill Life Extended 2x-3x on all tested drills
- 20% Less Load on Motor
- Chips Wash Off Easier & Less Carry Off from the Skimmer
- Chips No Longer Fused Together