



New Product Release

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CENTRIFUGE SYSTEM PURIFIES COLD HEADING OILS

Sanborn Technologies, Walpole, MA has improved production and reduced oil consumption at a fastener and precision components manufacturer in the Detroit area by removing the solids that build-up in the oils at their cold forming machine tools.

Removing the solids in the process helps maintain the original viscosity of the oil. As the viscosity increases so does the oil consumption with the carry-out on each part.

At the facility a Turbo-Separator T5b centrifuge was installed at each forming machine. The oil flows continuously via gravity into the centrifuge where the dirty fluid is spun at 3,000 RPM and the fine solids are removed. The cleaned oil exits the unit under pressure through a unique scoop mechanism that eliminates the potential for misting.

The results have reduced oil consumption, virtually eliminated sump cleaning and have improved the life of the tooling.

Sanborn Technologies builds oil purification systems that have demonstrated economic benefits to their users. Replacement purchases of oils have been reduced 80-95%. These savings together with disposal cost savings typically provide a payback of under two years. Along with the free-standing T5b unit, systems are available that include tanks, pumps, chiller and controls for facilities that want to create a central purification system.

Sanborn Technologies manufactures a full line of separations products employing centrifugal technology for in-process source reduction and product recovery for the metalworking industry. A complete line of demonstration and pilot plant equipment is available for short or long term rental.

For more information on the Turbo-Separator T5b visit www.sanborntechnologies.com/T5b.html or contact:

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