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NEW SMALL CENTRIFUGE SYSTEM PURIFIES COLD HEADING OILS

Sanborn Technologies, Walpole, MA introduces the redesigned LiquaPac HS10 Centrifuge for removing the fine solids that build-up in cold forming machining oils.

Removing the solids helps maintain the original viscosity of the oil. As oil gets laden with solids, viscosity increases as does oil consumption because of the carry-out on each part. Removing the solids helps recover the oil while virtually eliminating sump cleaning and improving tool life.

Depending upon the machine tool layout at a plant, a group of machines can be plumbed together to make a filtration cell, or a single centrifuge can be installed at each machine tool.

The LiquaPac HS10 has been designed to be an inexpensive filtration alternative. The centrifuge provides excellent separation at flow rates up to 15 gpm due to its 3,000 rpm rotational speed. The solids are removed from the HS10 via an easy to clean plastic liner.

Oil flows continuously from the cold header via gravity into the centrifuge where the dirty fluid is spun and the fine solids are removed. The cleaned oil exits the unit under pressure through a scoop mechanism that reduces the potential for misting.

Sanborn Technologies builds oil purification systems that have demonstrated economic benefits to their users. Replacement purchases of oils can be reduced 80-95%. These savings, together with disposal cost savings, typically provide a payback of less than two years. LiquaPac HS10 units are available as free-standing units or in complete systems that can include tanks, pumps, chillers 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 LiquaPac HS10 visit
www.sanborntechnologies.com/LiquaPaC.html or contact:
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