

HY-SPEED MACHINING GRANTS PASS, OREGON

## TRIM® MicroSol® 690XT

Saves on Tooling  
and Run Times



CNC Programmer Mike Mills, Jr.

INNOVATIONS  
FOR LONGER SUMP  
AND TOOL LIFE



*TRIM® MicroSol® 690XT has produced astonishing results for Hy-Speed Machining*

*Making a big difference to the bottom line.*

Hy-Speed Machining, an Oregon job shop whose majority of work is for the aerospace industry, runs aluminum along with lots of tough-to-machine Inconel® and other aerospace alloys. Having to stop their CNC machines to add tapping fluid to cut challenging metals was costing them a lot of money—both in production time and tapping fluid. With a successful trial, they changed the whole shop over to MicroSol 690XT with impressive results.

CNC programmer Mike Mills, Jr. has been amazed at the difference in production and huge cost savings since their switch to premium semisynthetic MicroSol 690XT.

Mills cites the new coolant's performance with a recent job cutting Inconel, "Since we switched to the MicroSol 690XT, we were able to increase our surface footage, our speed rates, our chip loads, and our tool life. We literally get up to six times the tool life that we were getting with the former coolant. On this one job, we went from 12 minutes per part down to four and one-half minutes—with a tenth of the coolant cost.

"With this Inconel job," he continues, "we use a \$450 drill. Before, we were going through four to five of them on the run of 150 parts. With the MicroSol 690XT, we use ONE drill for the entire run and it's still good to run more parts! We definitely have cut our tool and coolant costs down, sped the run time up... we are looking at saving thousands of dollars on this job." That is just one example of the dramatic results they see with MicroSol 690XT day in and day out.

"It has really changed our world here at Hy-Speed Machining, it has been a great success for us," adds Mike. "MicroSol 690XT has helped our bottom line tremendously; with the savings on coolant, tooling costs, the time it took to switch out tools, and the faster run times, we'll see savings of hundreds of thousands per year. It's incredible."

*See your profits soar with MicroSol 690XT.*

Check out the video testimonial featuring Mike Mills Jr. and others from Hy-Speed Machining at <https://2trim.us/v/?v=420>

For more video interviews from our customers about MicroSol 690XT performance, visit our web site at [www.microsol-690xt.com](http://www.microsol-690xt.com)



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