

TAPPING TORQUE TESTING SERVICES

Evaluation of Metalworking Fluids and Cutting Tool Geometry

NEED TEST ANALYSIS IN THE REAL WORLD? WE CAN PUT OUR EQUIPMENT TO WORK FOR YOU.

ASTM D8288 Standard Test Method for Comparison of Metalworking Fluids Using a Tapping Torque Test Machine

Let **MICROTAP USA** put you ahead of the competition.

Send us your metalworking fluids or taps for comparative testing. Choose from our standard TestBars in aluminum and steel or your special metal requirements for cut or form tapping. You receive comprehensive results in summary form for presentation with detailed spreadsheets and graphs to analyze fluid formulations or tap geometries.



Fluid Comparison 0.2 to 14.0 mm, tap travel 14 mm							
Fluid Results in N-M				Calculated Efficiency vs.			
Comment	Fluid	Mean Average	SD of Mean	Uncertainty	Reference Fluid	Best Fluid	All Fluids
BRIX=10.4	A	3.597	0.112	3.1%	100.0%	74.9%	99.3%
BRIX=10.6	B	2.772	0.030	1.1%	129.8%	97.2%	128.8%
BRIX=14.1	C	2.695	0.029	1.1%	133.5%	100.0%	132.5%
BRIX=12.7	D	4.040	0.040	1.0%	89.0%	66.7%	88.4%
BRIX=13.1	E	4.749	0.077	1.6%	75.7%	56.7%	75.2%

Reference Fluid: A Best and worst fluids are highlighted

<p>DISCOVER YOUR EFFICIENCY OF CONCENTRATION EFFECTIVENESS OF ADDITIVES & EVALUATE THE COMPETITION</p>	<p>Our laboratory will compare two or more fluid samples at \$150.00 each. 100ml of solution or 20ml concentrate is necessary for MWF test analysis.</p>
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CONFIDENTIAL AND SECURE

MICROTAP USA provides researchers with real world procedures that are rapid to perform and easy to analyze. The net results are product modifications, manufacturing quality, and competitive products are quickly measured.



MICROTAP USA
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