

Wallover

Metalworking Fluids

Machining Coolant Selection Chart

	Soluble	Micro Emulsion	Semi Synthetic	Synthetic	Metals*	Medium Duty	Heavy Duty	Extra Heavy Duty	High Pressure	Bio Stability	Tramp Oil Rejection	Chlorine	Comments
WS5010				X	Ferrous	N.A.			E	E	E	No	Outstanding RP
WS6500	X				All		X		G	G	G	Yes	Economical Heavy Duty
WS6610		X			All			X	G	E	G	No	Excellent on Aluminum
WS6900		X			All			X	G	E	G	Yes	Heavy Duty Machining
WS7250			X		All	X			G	G	A	No	Economical Semi
WS7350			X		All		X		G	G	G	Yes	Great General Purpose Semi
WS8000				X	Ferrous	X			E	E	E	No	Designed for Grinding
WS8025				X	Ferrous	X			E	E	E	No	Economical Synthetic
WS8035				X	Ferrous		X		E	E	E	No	Great General Purpose Synthetic
WS8065				X	Ferrous			X	E	E	E	No	Heavy Duty Synthetic
V4000	X				All			X	G	G	A	No	Vegetable Oil Based

A = Acceptable G = Good E = Excellent

*None are suitable for machining magnesium. "All" includes ferrous, aluminum and brass.

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- WS5010** Is an outstanding water based synthetic rust inhibitor for indoor storage. This product is also an excellent choice for the last stage in a multi-stage process cleaning system.
- WS6500** Is an extreme pressure fortified soluble oil. Wallover's original bio-resistant coolant is an economical choice for multi-metal machining.
- WS6610** Is our top of the line, chlorine free, bio-stable micro emulsion coolant, and the best product for machining aluminum.
- WS6900** Is our top of the line chlorinated, bio-stable micro emulsion coolant for machining ferrous and non-ferrous metals.
- WS7250** A traditional semi-synthetic coolant designed to balance good performance with cost effectiveness.
- WS7350** Is our most popular semi-synthetic coolant. It combines excellent rust inhibition with extreme pressure machining performance.
- WS8000** Is a full synthetic grinding coolant. It provides excellent rust protection at low concentrations.
- WS8025** An economical synthetic for machining ferrous metals and is chlorine free.
- WS8035** Combines low foam, bio-resistance, excellent rust inhibition and high performance in a full synthetic coolant.
- WS8065** Is a heavy duty synthetic coolant formulated specifically for stainless steel and other hard to machine metals.
- V4000** A vegetable oil based coolant. It displays lubricity characteristics vastly superior to traditional oil based products, providing superior finishes during aluminum machining.