

CLEANER SELECTION CHART

PRODUCT	OPERATION INFO					APPLICATION METHOD					METAL COMPATABILITY					CONTAMINANTS REMOVED										ADDITIONAL REMARKS						
	avg. pH of working solution	Operating temperature range (F)	use concentration (min 3% v/v for RP)	rinsability	ultrasonic	high pressure deburring	recirculation spray	ultrafiltration	ferrous safe	aluminum safe	zinc safe	magnesium safe	copper safe	ferrous rust inhibition	soft metal rust inhibition	animal, vegetable or mineral oils	sulfated castor oils	chlorinated compounds	phosphate esters (HP additive)	fatty acid soap	petroleum sulfonate	zinc or calcium stearate	drawing compounds	buffing compounds	heat treat scale		carbon black	metal fines	non-metallic fines	fibers	grinding dust	chips (general)
ACIDIC	DEOX	1.8	100-140	1-10		X	X									B		B	B	B				B	B	B	B	B	B	B	Safe on 316L stainless or better	
	ALUMI PREP	2.8	100-140	1-10		X	X		X							B		B	B	B				B	B	B	B	B	B	Not safe on high silica aluminum castings		
	ACI	4.8	110-150	1-5	X	X		X	X		X					B	B		B	B	B	B		B	B	B	B	B	B			
	ACI-SM	4.8	110-150	1-5	X	X		X	X		X	X	X			B	B		B	B	B	B		B	B	B	B	B	B		For rust prevention on soft metals - should not be rinsed	
NEUTRAL	UCI	6.6	120-150	1-5	X	X	X	X		X	X	X			B	B		B	B	U	B	U	U		U	B	B	B	B	B	For rust prevention - should not be rinsed	
	UCI NC	7.7	120-140	1-5	X		X	X		X	X	X			B	B		B	U	B					B	B	B	B	B		For rust prevention - should not be rinsed	
	2000 LF	7.8	100-150	1-5	X		X	X			X	X			B	B		B	B	U	B	U	U		U	B	B	B	B	B		
	WAU	7.8	70-150	1-5	X	X	X	X		X	X	X			B	B					B					B	B	B	B	B		For rust prevention - should not be rinsed
	GearWorks	7.9	100-150	1-5	X		X	X		X					B	B		B	B	B	B					B	B	B	B	B		For rust prevention - should not be rinsed
	ULTRA	8.7	100-150	1-5	X	X	X	X		X	X	X			B	B				B						B	B	B	B	B		For rust prevention - should not be rinsed
	240	9	100-150	0.5-2.5		X	X	X	X				X																			Rust preventative OR additive for ferrous metals - should not be rinsed
	UCI NC Tyco	9.4	120-140	1-5	X		X	X		X	X	X			B	B			B	U	B					B	B	B	B	B		For rust prevention - should not be rinsed
	717	9.6	110-140	1-5	X		X	X		X	X	X			B			B	B							B	B	B	B	B		
	106	9.8	70-150	1-5		X	X	X		X	X	X																				Rust preventative for ferrous metals - should not be rinsed
BASIC	MT	10.2	100-140	1-5	X		X	X		X	X	X			B	B				B						B	B	B	B	B		
	645	11.5	100-170	3-15	X					X	X	X			U	U	U	U	U	U	U	U	U		U	U	U	U	U	U		
	619	12.5	120-160	1-10		X		X	X		X				B	B	B	B	B	B	B	U				B	B	B	B	B		Must apply rust preventative after using 619 on ferrous metal.

S/I - Spray/Immersion U - Ultrasonics B - Both