

Rustlick™ PRODUCT SELECTION GUIDE

COOLANT TYPE	PRODUCT	HARDNESS OF METAL						EXTREME PRESSURE SUITABLE	CHLORINATED	TYPE OF GRINDING	RECOMMENDED CONCENTRATION	REFRACTOMETER READING RANGE	
		RECOMMENDED FOR THESE METALS											
		TITANIUM & NICKEL ALLOYS	STAINLESS STEEL	CARBON & TOOL STEEL	CAST IRON	BRASS, BRONZE & COPPER	ALUMINUM						
METALWORKING COOLANT	Premium Water-Soluble Oil	ULTRACUT® PRO-CF	●	●	●	●	●	●	●	N/A	3-10%	3.1 - 9.2	
		ULTRACUT® AERO	●	●	●	●	●	●	●			3.0 - 9.2	
		ULTRACUT® PRO	⊘	●	●	●	●	●	●			3.1 - 9.2	
	Water-Soluble Oil	WS-5050	⊘	●	●	●	■	■	●			●	3.2 - 9.7
		WS-500A	■	■	■	■	▲	■	●			●	3.6 - 10.7
		WS-11	▲	▲	■	■	▲	■	●			●	3.5 - 10.6
	Semi-Synthetic	ULTRACUT® 380R	■	■	●	●	●	●	●		●	2.1 - 6.2	
		ULTRACUT® 375R	⊘	●	●	●	●	▲	●		●	2.4 - 7.2	
		SS-405L	▲	▲	■	■	■	▲	●		●	1.6 - 4.8	
		SS-150	▲	▲	■	■	■	■	●		●	1.3 - 3.5	
	Synthetic	NEW ULTRACUT® Syn22	●	●	●	●	■	●	-		-	1.6 - 4.7	
		POWERCHIP 2000	●	●	●	●	⊘	⊘	●		●	1.4 - 4.1	
		Vytron-N	■	▲	■	■	⊘	⊘	-		-	1.3 - 3.8	
		SN-100A	▲	■	■	■	⊘	⊘	●		●	1.2 - 3.6	
		POWERSAW	▲	■	■	■	⊘	⊘	●		●	1.1 - 3.3	
GRINDING COOLANT		G-25J	■	■	●	●	●	⊘	-	-	Blanchard & Surface	5-10%	1.2 - 3.6
	G-25B	■	■	■	■	■	⊘	-	-	Carbide	4-10%	1.0 - 2.0	
	CARBIDE POWERGRIND	▲	■	■	▲	●	⊘	-	-	Wheel	3-10%	1.5 - 3.3	
	G-1066L	●	●	●	●	●	⊘	-	-	Wheel	3-10%	1.1 - 3.0	
	G-1066D	●	●	●	●	▲	⊘	-	-	Diamond Wheel	3-10%	1.2 - 3.6	

RATING ● BEST ■ BETTER ▲ LIMITED USE ⊘ NOT RECOMMENDED

Disclaimer note: Rustlick™ products not recommended for use with magnesium

COOLANT TYPE	PRODUCT	MACHINE TYPES						
		MILL	BANDSAW	CNC MACHINE	SURFACE GRINDER	DRILL PRESS	LATHE	
METALWORKING COOLANT	Premium Water-Soluble Oil	ULTRACUT® PRO-CF	●	●	●	●	●	●
		ULTRACUT® AERO	●	●	●	●	●	●
		ULTRACUT® PRO	●	●	●	●	●	●
	Water-Soluble Oil	WS-5050	●	●	●	●	●	●
		WS-500A	●	●	●	●	●	●
		WS-11	●	●	●	●	●	●
	Semi-Synthetic	ULTRACUT® 380R	●	●	●	●	●	●
		ULTRACUT® 375R	●	●	●	●	●	●
		SS-405L	●	●	●	●	●	●
		SS-150	●	●	●	●	●	●
	Synthetic	NEW ULTRACUT® Syn22	●	●	●	●	●	●
		POWERCHIP 2000	●	●	●	●	●	●
		Vytron-N	●	●	●	●	●	●
		SN-100A	●	●	●	●	●	●
		POWERSAW	●	●	-	-	-	-
GRINDING COOLANT		G-25J	-	-	-	●	-	-
	G-25B	-	-	-	●	-	-	
	CARBIDE POWERGRIND	-	-	-	●	-	-	
	G-1066L	-	●	-	●	●	-	
	G-1066D	-	●	-	●	●	-	

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PRODUCT TECHNICAL DATA

COOLANT TECHNICAL DATA										
COOLANT TYPE	PRODUCT	CONCENTRATE COLOR	DILUTED COLOR	SPECIFIC GRAVITY	PH AT 10%	AVAILABLE SIZES				
						1 GAL. (4/CS)	5 GAL.	55 GAL.	330 GAL.	
METALWORKING COOLANT	Premium Water-Soluble Oil	ULTRACUT® PRO-CF	Golden Yellow/Light Brown	Milky White	0.96	9.7	-	83305	83355	83355T
		ULTRACUT® AERO	Light Brown	Milky White	0.95	9.3	-	74405	74455	-
		ULTRACUT® PRO	Golden Yellow/Light Brown	Milky White	0.98	9.9	-	84405	84455	-
	Water-Soluble Oil	WS-5050	Blue	Milky Blue	0.97	9.5	74016	74056	74556	-
		WS-500A	Dark Brown	Milky White	0.93	9.2	-	74055	74555	-
		WS-11	Dark Brown	Milky White	0.92	9	74013	74053	74553	-
	Semi-Synthetic	ULTRACUT® 380R	Translucent Blue	Translucent Light Blue	0.99	9.9	-	76005	76055	76055T
		ULTRACUT® 375R	Translucent Amber	Translucent	1.01	9.8	-	74905	74955	-
		SS-405L	Translucent Amber	Translucent	1.01	9.8	-	78405	78410	-
		SS-150	Translucent Blue	Translucent Light Blue	1.01	9.9	-	76105	76155	-
	Synthetic	NEW ULTRACUT® Syn22	Amber	Colorless/Clear	1.05	7.9 - 8.1	-	85005	85055	-
		POWERCHIP 2000	Dark Blue	Clear Bright Blue	1.08	9.8	-	76305	76355	-
		Vytron-N	Turquoise	Clear Aqua	1.05	9.8	75014	75054	75554	-
SN-100A		Blue	Clear Blue	1.05	9	-	73058	73558	-	
POWERSAW		Dark Blue	Clear Bright Blue	1.06	9	-	76205	76255	-	
G-25J		Dark Green	Yellow/Green	1.08	9.8	75012	75052	75552	-	
G-25B		Yellow/Orange	Yellow/Green	1.04	9.7	-	73562	73563	-	
CARBIDE POWERGRIND		Opaque Green	Clear Green	1.04	10.2	-	74052	74552	-	
GRINDING COOLANT	G-1066L	Yellow/Orange	Clear Yellow	1.06	9.3	-	RL009	RL010	-	
	G-1066D	Yellow/Orange	Clear Yellow	1.07	9.9	-	75051	75551	-	

DIELECTRIC FLUIDS TECHNICAL DATA								
PRODUCT	COLOR	SPECIFIC GRAVITY	VISCOSITY AT 40°C (CST)	VISCOSITY AT 100°F (SUS)	FLASH POINT	ALLOWABLE BURN RATE	AVAILABLE SIZES	
							5 GAL.	55 GAL.
EDM-500	Fluorescent Green	0.8	3	36.5	210°F (99°C)	400 amps	72055	72555
EDM-250	Colorless	0.81	2.7	34.5	220°F (104°C)	400 amps	72050	72550
EDM-30	Colorless	0.81	3.2	36	215°F (102°C)	150 amps	72052	72552

RUST PREVENTATIVES & CORROSION INHIBITORS TECHNICAL DATA							
PRODUCT	PRODUCT TYPE	SPECIFIC GRAVITY	VISCOSITY AT 40°C (CST)	FLASH POINT	AVAILABLE SIZES		
					1 GAL. (4/CS)	5 GAL.	55 GAL.
631	Rust Preventative	0.82	4	180°F (82°C)	71011	71051	71551
606	Rust Preventative	0.83	6	175°F (79°C)	71152	71052	71552
Rustlick B	Corrosion Inhibitor	1.1	N/A	> 199.4°F (> 93.0°C)	73011	73051	73551

SUMP-SIDE ADDITIVES & SPECIALTY FLUIDS TECHNICAL DATA								
PRODUCT	PRODUCT TYPE	SPECIFIC GRAVITY	VISCOSITY AT 40°C (CST)	FLASH POINT	AVAILABLE SIZES			
					12 OZ. (6/CS)	1 GAL. (4/CS)	5 GAL.	55 GAL.
Grotan	Bactericide	1.15-1.16	N/A	N/A	-	77011	-	-
Sump-side Defoamer	Defoamer	1.05	N/A	400°F (204°C)	-	78640 (1/cs)	-	78655
Kleenzol DY	Alkaline Cleaner	1.02	N/A	110°F (43°C)	-	76012	76052	76552
RTD	Tapping Fluid	1.1	243	>212°F (100°C)	69016	69001	69005	-

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