LIQUID COMPOUNDS

Liquid compounds typically dilute in the water used for finishing, creating a lubricating and cleaning emulsion. This emulsion interacts with the media and workpieces, influencing surface modification.

Deburring: Mild abrasives suspended in the liquid can remove light burrs and imperfections.
Corrosion Protection: Corrosion inhibitors within the compound form a protective film on metals, preventing rust and oxidation.

Neutralising: Similar to powders, acidic components can neutralise alkaline cleaning residues, prepping surfaces for further treatment.

Degreasing: Liquid detergents and surfactants effectively remove oils, greases, and other contaminants from the workpiece surface.

Descaling: Weak acids or chelating agents within the liquid can dissolve and remove light to moderate scale build-up on metals.

Polishing: Finer abrasives in the solution contribute to a smoother surface finish by removing minor scratches and imperfections.

Burnishing: Certain liquid compounds contain burnishing agents like metallic soaps that enhance the shine and reflectivity of metals like brass, copper, and silver.

Smoothing: Lubricating properties of the liquid help media glide over the workpiece, promoting a smoother finish on metals and plastics, especially with softer abrasives like pumice.

					VIBRATORY FINISHING PROCESS								
SKU	MATERIALS	FUNCTION	FERRIOUS	NON FERRIOUS	DEBURR	DESCALE	DEGREASE	POLISH	BURNISH	PROTECTION	SMOOTHING	NEUTRALISE	PH
ALP37	Universal	Ultrasonic Clean	✓	✓			✓						11
SX-1L/Xi/2	Universal	General Purpose	✓	✓	✓			✓		✓	✓		10
SX-3L	Bright Surfaces W/ Steel Media	Burnishing	✓	✓					✓				4.5
SX-4L/2	Aluminium/Brass/Zinc	Cleaning/Polishing	✓	✓	✓			✓			✓		7
SX-5L	Steel	Cleaning/Polishing	✓	✓	✓			✓		✓	✓		10.5
NORCHEM 80	Copper/Brass/Alum/S Steel	Polishing		✓		✓		✓	✓				2
NORCHEM 89	Aluminium/Zinc	Cleaning/Polishing		✓				✓		✓	✓		9
NORCHEM 150	Cast Iron/Steel	Cleaning/Polishing	✓	✓				✓	✓	✓	✓	✓	10.5
NORCHEM HILITE	Pewter/Silver/Gold/Plastic/Rubber	Polishing		✓				✓	✓		✓		9.5
SX-9L	Stainless Steel	Polishing		✓				✓	✓				1
SX-10L	Brass/Copper/Steel/Aluminium	Acidic Cleaning/Polish	✓	✓	✓	✓	✓	✓	✓		✓		1
SX-12L	Reduces Excess Foam	Antifoam	✓	✓									6
SX-16L	Tin/Pewter/Silver	Polishing	✓	✓	✓			✓	✓	✓			8.5
SX-19L/S	Steel/Stainless Steel	H/D Degrease	✓	✓			✓	✓		✓		✓	11
SX-20L	Brass/Copper/Aluminium	Polishing		✓				✓	✓		✓		
SX-22L	Steel	Dewatering Oil	✓							✓			
SX-25L	Steel & Non Ferrous	Degreaseing	✓	✓			✓	✓			✓		7.5
SX-90L	Steel/Stainless Steel/Aluminium	Polishing	✓	✓			✓	✓			✓		
RPP2	Steel	Inhibitor	✓					✓		✓			11
RP19L/S	Steel	Degrease/Inhibitor	✓				✓	✓		✓		✓	11