

Frozen Solution Usability Guide

Code	Name	Condition after freezing	Condition at room temperature	Method to re-dissolve	Result	QC test results	Use after freezing
1720	Chromate Conversion Coating	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
2023	Cadmium No-Bake®	Frozen solid	Some salts present	Shake	Good	Pass	Yes
2043	Cobalt	Frozen solid	Some salts present	Shake	Good	Pass	Yes
2080/5600	Nickel Acid	Slush	Some salts present	Shake	Good	Pass	Yes
2090	Tin Alkaline	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
2092	Tin Alkaline	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
2093	Tin Acid	Frozen solid	Some salts present	Shake	Good	Pass	Yes
2701	Cobalt	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
2801	Nickel	Slush, Semi-Solid	No salts, Liquid	N/A	Good	Pass	Yes
2827	Nickel-Cobalt	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
2901	Copper Acid	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
2903	Copper Acid, High-Speed	Liquid	No salts, Liquid	N/A	Good	Pass	Yes
2904	Copper Alkaline, High Speed	Liquid	No salts, Liquid	N/A	Good	Pass	Yes
3002	Chromate Conversion Coating	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
3007	Tivalent Chromium Conversion Coating	Liquid	No salts, Liquid	N/A	Good	Pass	Yes
3083	Silver	Frozen solid	Some salts present	Shake	Good	Pass	Yes
4018	Zinc-Nickel LHE®	Slush, Semi-Solid	No salts, Liquid	N/A	Good	Pass	Yes
4019	Tin -Zinc	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
4022	Zinc-Nickel Select	Slush	Some salts present	Shake	Good	Pass	Yes
4704	Silver	Liquid	No salts, Liquid	N/A	Good	Pass	Yes

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5005	Chromate Conversion Coating	Frozen solid	No salts, Liquid	N/A	Good	Pass	Yes
5260	Copper Acid, High-Speed	Slush	Some salts present	Shake	Good	Pass	Yes
5391	Gold Production	Frozen Solid	Some salts present	Shake	Good	Pass	Yes
5630	Nickel Special	Frozen Solid	Some salts present	Shake	Good	Pass	Yes
7280	AeroNikl 250®	Frozen Solid	Some salts present	Shake	Good	Pass	Yes
9150	Silver Strike	Frozen Solid	Some salts present	Shake	Good	Pass	Yes
2050	Copper Acid	Partially frozen	Some salts present	126°-104° 2 hrs.	Did not dissolve	Fail	No
2085	Nickel Neutral	Frozen solid	Some salts present	126°-104° 2 hrs.	Did not dissolve	Fail	No
2803	Nickel	Slush, Semi-solid	No salts, Liquid	N/A	Good	Fail	No
3084	Silver Non-Cyanide	Frozen solid	Some salts present	Shake	Good	Fail	No
5070	Cadmium LHE®	Some salts in bottom	Some salts present	Shake	Good	Fail	No
5280	Copper Alkaline, Heavy-Build	Slush	Some salts present	Shake	Good	Fail	No
5305	Copper XHB	Frozen solid	Some salts present	Unsuccessful	Did not dissolve	Fail	No
5644	Nickel High-Speed, LHE®	Slush	Some salts present	Shake	Good	Fail	No
5710	Nickel-Tungsten D	Frozen solid	Some salts present	Shake	Good	Fail	No
5711	Nickel-Tungsten	Frozen solid	Some salts present	120°- 100° 1 hr.	Did not dissolve	Fail	No
5871	Silver Production, Non-Cyanide	Frozen solid	Some salts present	Shake	Good	Fail	No
7282	AeroNikl® 575	Frozen solid	Some salts present	140°- 150° 1 hr.	Did not dissolve	Fail	No