

DYNAMIC FOUNTAIN NON-ALC

High Performance Fount Solution for All Inks, Plates & Presses

DESCRIPTION OF THE PRODUCT

- World class quality fountain solution concentrate designed for most types of lithographic printing processes
- Run without the need for IPA or printing alcohol
- Control the quality of printing with stability and consistency

KEY FEATURES AND BENEFITS

- One Step Solution to Print Without Alcohol!
- Faster Start-ups & Cleaner Re starts-Less paper waste!
- Prevents ink from bleeding and over emulsification-Fast ink drying on paper!
- No excessive ink piling or build up on dampening rollers, blanket and back cylinders!
- Powerfully buffered -Reduces pH and conductivity drift!
- Wide Operational Latitude and High On-press Stabilities
- For All types of ink and presses

DIRECTION OF USE

1. Prepare a diluted solution with 2% to 6% concentration in the recirculation tank.
2. Mix thoroughly, set the recirculation tank temperature at 10°C -12°C.
3. When automatic volume dosing device is in use, set at 3% to start.

FOR BEST RESULT

- A distilled or purified water is recommended for best results.
- Can be add a good amount of anti-foam agent. However, foaming may still occur due to running dampening solution either at high temperature or with contamination in recirculation tank.

It is recommended that recirculation tank be clean, chilled, and maintained properly around 10°C-12°C.

- Start run with lower ink coverage (thinner ink film) and reduced dampening if necessary.
- Fountain concentration (dosage) greater than specified may decrease ink density or cause over-emulsification. If ink over-emulsification occurs, reduce the dosage.
- To prevent ink feedback or build-up on the metering rollers, we strongly recommend that dampening rollers be properly cleaned and maintained with a fine quality cleaner such as Dynamic Aqua control , Dynamic Roller Cleaner SG
- To prevent ink roller stripping, use a water-miscible cleaner such as Dynamic Wash 60 and decalcify rollers occasionally with deglazer and conditioner such as Dynamic Roller Cleaner SG

PACKAGING : 20 Liter Pail



LINE OA

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PHYSICAL PROPERTY INFORMATION

pH & Conductivity Charts									
Type of Water >>		Deionized Water		Water Hardness: 50 TDS (ppm)		Water Hardness: 100 TDS (ppm)		Water Hardness: 200 TDS (ppm)	
Name	Dosage	pH	Conductivity (μ S/cm)	pH	Conductivity (μ S/cm)	pH	Conductivity (μ S/cm)	pH	Conductivity (μ S/cm)
Typical Water (arbitrarily selected)	0%	5.90	1	7.33	109	7.35	215	7.40	410
Fountain Solution	2.0% or 2.6 oz/gal	4.70	1452	4.83	1471	4.93	1493	5.19	1521
	2.5% or 3.2 oz/gal	4.69	1762	4.78	1783	4.88	1803	5.10	1833
	3% or 3.8 oz/gal	4.69	2060	4.76	2080	4.84	2100	5.01	2130
	3.5% or 4.5 oz/gal	4.68	2350	4.73	2370	4.81	2380	4.96	2410
	4% or 5.1 oz/gal	4.68	2620	4.73	2640	4.77	2660	4.89	2690
	4.5% or 5.8 oz/gal	4.67	2890	4.71	2900	4.75	2920	4.85	2950
	5% or 6.4 oz/gal	4.67	3150	4.70	3160	4.72	3180	4.81	3210
	5.5% or 7 oz/gal	4.66	3400	4.68	3420	4.71	3430	4.78	3460
	6% or 7.7 oz/gal	4.66	3640	4.68	3660	4.71	3670	4.76	3700

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