Calcium (Ca) comprises more than 4% of the earth’s crust and is the 5th most abundant element in it. Calcium is an alkaline metal. It is utilized as a filler in paper because it reduces paper making costs, makes the paper brighter, bulkier and it increases the opacity of the paper. Calcium is in magenta ink and occurs in water naturally. As calcium deposits migrate through the press they create costly havoc in the offset printing process everyday. UV inks and "process on press" plates are especially calcium sensitive.

Pressroom problems that may be attributed to calcium contamination

- Inconsistent ink/water balance
- Ink roller stripping
- Poor ink transfer down the ink train
- Premature plate wear and plate blinding
- Reduced roller and blanket life
- Glazed rollers/hard rollers/white rollers
- pH and conductivity drifts
- Increased ink usage and drying time
- Impression cylinder build-up
- Start-up waste and color shifts
- Picture framing on the blanket
- Excessive foaming of fountain solution
- Hickies caused by calcium glaze

Any combination of or all the problems listed above costs you time and money with every print job. Calcium is not going away and not dealing with it only escalates the problems and costs. The bottom line is you will print better and be more profitable if you address and solve your calcium related issues as soon as possible.

We have found a simple easy solution…Calcium Slayer and Flush.

Call us today to learn more about saving time and money!