

July 2009

# Newsletter

## Foaming Issues:

Our research and development people, working in conjunction with the largest manufacturer of liquid cleaning products, are developing new filling methods that will increase production and reduce the problems of filling drums and totes with high-foaming liquids.

Over the past few months, several experiments have reduced the foam level in filled drums from 4" to 1/2" in one product and almost the same in another.

So far, the results have shown the filling rate of a 55 gallon drum has improved from 124 seconds to 43 seconds with a foamy liquid. More tests are being conducted on higher-foam liquids with similar results expected.



## Videos on the Website:

Four new videos were installed onto our website, [www.specialtyequipment.com](http://www.specialtyequipment.com)

1. Model DF-5540: The palletized drum filling system shows a sub-surface filling operation with (4) 55 gallon drums. Also, a water fill test is shown using a see-through drum, so you can watch and time the sub-surface fill cycle and product level tracking. (See Liquid Fillers, item 2)
2. Model APF-510: An automatic, 5 gallon pail filler is shown complete with an air operated pail escapement, automatic, sub-surface filler, and an on-the-fly lid press. (See Liquid Fillers, item 15)
3. Model PT4000: This one is an air operated, 90 degree, powered turntable with a powered roller surface conveyor for handling loads up to 4,000 lbs. (See Pallet Handling, Conveyors, item 147)
4. Model ADD-5500: This video shows an all-stainless steel, conveyor and drum dumping system, designed for lifting a drum 15 ft high, tilting it 120 degrees, and emptying the liquid contents of 30 and 55 gallon open top drums. (See Drum & Pail Handling, Stainless, item 61)

