

## **PT-272-PW**

### **WAX CONTROL**

#### **PRODUCT INFORMATION:**

PT-272-PW is a blend of surfactants and solubilizers. It is supplied as clear, light yellow, low viscosity aqueous solution. PT-272-PW generally performs best under alkaline conditions.

#### **APPLICATION:**

PT-272-PW is designed to prevent wax redeposition in pulp lap produced by digesting waxed clippings as a partial source for pulp furnish. When PT-272-PW is applied properly wax may be removed by pulp washing.

#### **DOSAGE:**

The dosage of PT-272-PW will depend upon the amount of wax, the melting point of the wax and the temperature of the pulping and washing liquids. The typical dosage range for PT-272-PW is 5% to 30% of the weight of the wax.

Example: 2 tons of wax clippings are added to 48 tons of softwood in a batch digester. The wax has a melting point of 135° F. and is contained on the clippings at about 100 pounds per ton. Washing is completed at 140° F.

These are all "average" severity conditions. PT-272-PW should be added to the stock prior to the washers at a dosage of 15% of 200 pounds of wax, or 30 pounds of PT-272-PW per 50-ton batch of pulp. Polymer Ventures PT-272-PW works best when it is applied to the stock line prior to the pulp washers. PT-272-PW may be applied to the digester or to the feed box ahead of the washers as alternative feed points.

#### **Typical Properties**

App: .....Clear, light yellow liquid  
Density.....8.3 lbs/gallon  
pH.....9.0 - 10.5 typical

#### **STORAGE AND HANDLING:**

PT-272-PW should be stored in a closed container at 40 – 80° F. Short-term exposure to higher or lower temperatures will not normally harm the product. If frozen, PT-272-PW should be warmed to 60 - 80° F, and mixed well prior to use. The shelf life of PT-272-PW is at least six (6) months.

