



**Application**  
Alkylation Tank

**Products Used**  
7230

**Problem**

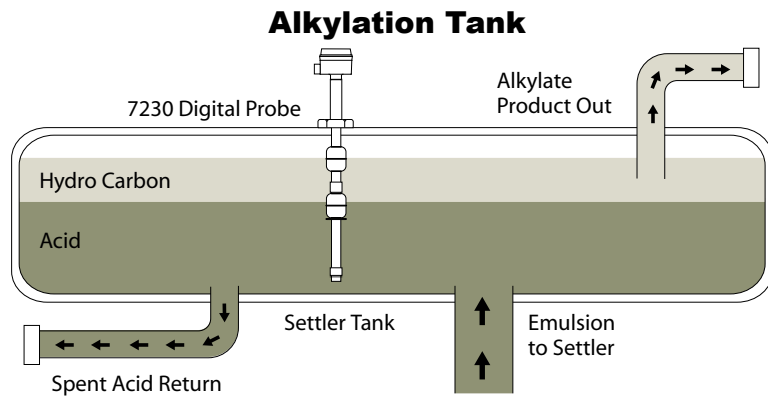
A petroleum refinery was experiencing production limitations due to high process temperature in their alkylation unit. The high temperature resulted in a product with a lower octane and also increased the consumption of acid used in the process.

**Solution**

A 7230 Series Digital probe offered control by continuously monitoring the temperature as well as the level of a settler tank. The 7230 Modbus and 7250 Digital probes not only measure product and interface levels, they also provide critical temperature measurements that can be used in various ways to improve the process.

**Benefits**

- Maintains production rates
- Increases octane values
- Reduces acid consumption



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