

## HS-LF 5 VOLTAGE DROP

Low voltage at the feed pump(s) can result in low product flow and poor quality. If the system is not performing to spec check the voltage at the Pump itself. To measure the voltage drop, have the system running and making water. Connect the voltmeter leads directly to the motor leads. If you have two feed pumps run on pump one and measure the voltage at the feed pump. Repeat with pump two and then with both. Log the voltage, feed pressure and product flow. Now with the system still running with both pumps measure the voltage at the batteries being used to run the system. **DO NOT RELY** on the boat's panel meter or monitor. The higher the voltage at the pump the better the system will perform. We recommend using a wire size which will give a total drop (Hot and Ground side combined) of not more than 3% between the batteries and the pumps).

Systems equipped with MPC controls have an automatic low voltage shutdown.

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