







# Single-Point Variable Table

 BEST
  BETTER
  GOOD

Category Type	Single-Point Variables	Reactor Detection Method		
		Inlet Pressure Sensor *	Outlet Pressure Sensor	Flow Meters
 <b>Air in fluid stream</b>	Run away feed pump/ Running out of chemical	NA	Better	Better
	Trapped air in the feed line and/or proportioner	NA	Good	Best
 <b>Undersized feed pump</b>	Too large of a mix chamber being used	Best	Good	Better
	Too high of proportioner pressure setting	Best	Good	Better
	Too long of a trigger pull	Best	Good	Better
 <b>Poor material feed to proportioner</b>	Cold material(s)	Best	Better	Good
	Feed pump pressure set too low	Best	Good	Better
	Damaged feed pump (seals, check ball, air motor)	Best	Good	Better
	No feed pump pressure	Best	Good	Better
	Plugging inlet filter	Best	Good	Better
 <b>Proportioner pump issue</b>	Damaged proportioner pump foot valve ball/seat	Best	Good	Better
	Damaged proportioner pump piston ball/seat	NA	Better	Best
	Damaged proportioner pump seal	NA	Better	Best
 <b>Fluid leaks</b>	Leak between proportioner pump and flow meter	NA	Better	Best
	Leak in heated hose	NA	Best	NA
 <b>Restriction after flow meter</b>	Blockage in heated hose, build-up on ID of hose(s) **	NA	Best	NA
	Plugged gun filter **	NA	Best	NA
	Gun impingement port plugging **	NA	Best	NA

\* Requires updated Reactor software (version 3.02 or newer) to properly detect the issue.

\*\* May not cause off-ratio dispensing but may cause impingement mix issues.