

ParaFlow™ Solution Analysis Report

Customer Name	DuPont Experimental Stn	Sample Drawn	Jul 22,2016
Unit Model No.	YPCST22G46CXA	Report Date	Aug 4,2016
Unit Serial No.	GLCM157836 #1	Report Number	R18838
Sample Received	Jul 28,2016	PO Number	1-36425164640

Inhibitor Type: Molybdate

	<u>Sample Data</u>	<u>Allowable Range</u> <small>(Based on 55% LiBr)</small>	<u>Converted Data</u> <small>(Sample data converted to 55%)</small>
Sample Concentration	51.78		55.00
Sample Specific Gravity	1.559		1.620
Lithium Molybdate Inhibitor	147	225-325	162
Alkalinity (Lithium Hydroxide)	0.191	0.14-0.22	0.211
Dissolved Copper	30	0-100	33
Ammonia	81	0-100	89
Lithium Nitrate	39		43

Corrections Necessary

Lithium Molybdate Inhibitor	Add .000101 lbs. of solid Li ₂ MoO ₄ per lb. of solution in the unit OR Add .000031 gals of 30% Li ₂ MoO ₄ solution per lb. of solution in the unit.
Lithium Hydroxide	No
Copper Removal	No
Ammonia Removal	No

Data included in this report are the result of only one solution sample. If there is a drastic change in any parameter as compared with the last sample result, prior to adding chemicals or performing Copper or Ammonia Removal, it may be advisable to resample. The best method of preventing problems due to improper solution chemistry is by taking regular samples and trending the sample data. Maintaining proper Solution Chemistry is critical to the life of your ParaFlow Unit. **York Factory Service** is factory trained and authorized to perform the necessary chemical additions and adjustments required to keep your unit operable and reliable.