

ParaFlow™ Solution Analysis Report

Customer Name	DuPont Experimental Stn	Sample Drawn	Oct 3,2016
Unit Model No.	YPCST22G46CXA	Report Date	Oct 17,2016
Unit Serial No.	GLCM157836 #1	Report Number	R18841
Sample Received	Oct 11,2016	PO Number	1-41018275797

Inhibitor Type: **Molybdate**

	<u>Sample Data</u>	<u>Allowable Range</u> (Based on 55% LiBr)	<u>Converted Data</u> (Sample data converted to 55%)
Sample Concentration	52.39 % LiBr		55.00 % LiBr
Sample Specific Gravity	1.569 at 75°F		1.620 at 75°F
Lithium Molybdate Inhibitor	217 mg/l	225-325	235 mg/l
Alkalinity (Lithium Hydroxide)	0.194 N	0.14-0.22	0.210 N
Dissolved Copper	50 mg/l	0-100	54 mg/l
Ammonia	89 mg/l	0-100	96 mg/l
Lithium Nitrate	7 mg/l		8 mg/l

Corrections Necessary

Lithium Molybdate Inhibitor	No
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.