

ParaFlow™

Solution Analysis Report

Customer Name	DuPont Experimental Stn	Sample Drawn	Jun 19,2008
Unit Model No.	YPCST22G46CXA	Report Date	Jun 30,2008
Unit Serial No.	GLCM157836	Report Number	R11726
Sample Received	Jun 23,2008	PO Number	2667398

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	48.02 % LiBr		55.00 % LiBr
Sample Specific Gravity	1.496 at 75°F		1.620 at 75°F
Lithium Molybdate Inhibitor	312 mg/l	225-325	387 mg/l
Alkalinity (Lithium Hydroxide)	0.172 N	0.14-0.22	0.213 N
Dissolved Copper	0 mg/l	0-50	0 mg/l
Ammonia	63 mg/l	0-100	78 mg/l
Lithium Nitrate	73 mg/l		91 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.