

ParaFlow™ Solution Analysis Report

Customer Name	DuPont Experimental Stn	Sample Drawn	Oct 30,2015
Unit Model No.	YPCST22G46CXA	Report Date	Nov 5,2015
Unit Serial No.	GLCM157836 #1	Report Number	R17352
Sample Received	Nov 4,2015	PO Number	1-26533858401

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	49.21 % LiBr		55.00 % LiBr
Sample Specific Gravity	1.515 at 75°F		1.620 at 75°F
Lithium Molybdate Inhibitor	431 mg/l	225-325	515 mg/l
Alkalinity (Lithium Hydroxide)	0.205 N	0.14-0.22	0.245 N
Dissolved Copper	20 mg/l	0-100	24 mg/l
Ammonia	90 mg/l	0-100	108 mg/l
Lithium Nitrate	0 mg/l		0 mg/l

Corrections Necessary

Lithium Molybdate Inhibitor	No	
Lithium Hydroxide	No	
Copper Removal	No	
Ammonia Removal	Yes	Consult York Factory Service

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.