

ParaFlow™ Solution Analysis Report

Customer Name	DuPont Experimental Stn	Sample Drawn	Aug 16,2017
Unit Model No.	YPC22G46CXA	Report Date	Aug 22,2017
Unit Serial No.	GADM233620 #3	Report Number	R18809
Sample Received	Aug 21,2017	PO Number	1-54557585071

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	49.12 % LiBr		55.00 % LiBr
Sample Specific Gravity	1.514 at 75°F		1.620 at 75°F
Lithium Molybdate Inhibitor	358 mg/l	225-325	429 mg/l
Alkalinity (Lithium Hydroxide)	0.143 N	0.14-0.22	0.171 N
Dissolved Copper	49 mg/l	0-100	59 mg/l
Ammonia	144 mg/l	0-100	173 mg/l
Lithium Nitrate	125 mg/l		150 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.