

ADVAGuard quote #RR102142-001

Customer Name	Johnson Controls, Inc.(N29)	PO Number	1-35219263089
Customer Number	DE1619	Sample Drawn	6/17/16
Job Name	DuPont Experimental Stn	Sample Number	RR102142-001
Unit Manufacturer	York	Report Date	6/28/16
Unit Model No.	YPCST22G46CXA		
Unit Serial No.	GBDM248980		

Solution Capacity 1645 gals LiBr solution **OR**
 21944 lbs LiBr solution

Reported Molybdate 175 ppm
Molybdate correction 0.000093 lbs lithium molybdate per lb solution
 OR
 2.04 lbs lithium molybdate

Reported Alkalinity 0.163 N lithium hydroxide
Alkalinity correction No correction necessary.

Calculated Quantity	Additive	Price		Price
2.04 lbs	ADVAGuard 591 (Lithium molybdate)	\$199.40		
6.79 lbs	ADVAGuard 590 (30% Lithium molybdate solution)		OR	\$378.79
	ADVAGuard 290 (Lithium hydroxide monohydrate)			
	Service charge for custom packaging	\$35.00		\$35.00
	Total	\$234.40	OR	\$413.79

Please specify ADVAGuard 591 or 590 when ordering.

To order your ADVAGuard make-up chemistry please fax a purchase order referencing this quote number to (702) 293-0854.

Limitation of Liability: Rocky Research acts are limited to analysis and calculation of chemical balance of fluids (ADVAServe™) for chiller equipment and to supply replacement chemicals (ADVAGuard™) pursuant to service agency specifications and requirements, and assumes no liability for damages to chiller equipment nor for any losses or damages including consequential damages arising from performance of ADVAServe™ services or use of ADVAGuard™.

ADVAGuard quote #RR102142-002

Customer Name	Johnson Controls, Inc.(N29)	PO Number	1-35219263089
Customer Number	DE1619	Sample Drawn	5/26/16
Job Name	DuPont Experimental Stn	Sample Number	RR102142-002
Unit Manufacturer	York	Report Date	6/28/16
Unit Model No.	YPC22G46CXA		
Unit Serial No.	GADM233620		

Solution Capacity 1645 gals LiBr solution **OR**
 21944 lbs LiBr solution

Reported Molybdate 193 ppm
Molybdate correction 0.000082 lbs lithium molybdate per lb solution
 OR
 1.79 lbs lithium molybdate

Reported Alkalinity 0.163 N lithium hydroxide
Alkalinity correction No correction necessary.

Calculated Quantity	Additive	Price		Price
1.79 lbs	ADVAGuard 591 (Lithium molybdate)	\$199.40		
5.97 lbs	ADVAGuard 590 (30% Lithium molybdate solution)		OR	\$328.11
	ADVAGuard 290 (Lithium hydroxide monohydrate)			
	Service charge for custom packaging	\$35.00		\$35.00
	Total	\$234.40	OR	\$363.11

Please specify ADVAGuard 591 or 590 when ordering.

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ABS #4

ADVAGuard quote #RR102142-003

Customer Name	Johnson Controls, Inc.(N29)	PO Number	1-35219263089
Customer Number	DE1619	Sample Drawn	6/17/16
Job Name	DuPont Experimental Stn	Sample Number	RR102142-003
Unit Manufacturer	York	Report Date	6/28/16
Unit Model No.	YPCST22G46CXA		
Unit Serial No.	GNCM94230017		

Solution Capacity 1645 gals LiBr solution **OR**
 21944 lbs LiBr solution

Reported Molybdate 210 ppm
Molybdate correction 0.000071 lbs lithium molybdate per lb solution
OR
 1.56 lbs lithium molybdate

Reported Alkalinity 0.151 N lithium hydroxide
Alkalinity correction No correction necessary.

Calculated Quantity	Additive	Price		Price
1.56 lbs	ADVAGuard 591 (Lithium molybdate)	\$199.40		
5.2 lbs	ADVAGuard 590 (30% Lithium molybdate solution)		OR	\$328.11
	ADVAGuard 290 (Lithium hydroxide monohydrate)			
	Service charge for custom packaging	\$35.00		\$35.00
	Total	\$234.40	OR	\$363.11

Please specify ADVAGuard 591 or 590 when ordering.

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