

DAILY REPORT 33.4.
VINYL DAILY REPORT

14 MAY 02 05:00
1 500 POUNDS TOP
2 743 SEM
3.2+2.5=32.7

4 Product Change?

SHIFT	Q	RX CHARGES	ABNORM	BAT RPTS	SPILL RPT	PERSONNEL	HOURS	OVERTIME	ABSENT	VAC	SAFETY:
A	11	5	YES	NO	YES	NO	0	0	0	0	F.A. YES
B	13	8	YES	NO	YES	NO	0	0	0	0	M.T. YES
TOTALS	21	13	YES	NO	YES	NO	0	0	0	0	NOTES

INTERMEDIATE SILOS				PRODUCT SILOS				BLEND TANKS				MISCELLANEOUS			
SILO	PRODUCT	M LBS	GRADE	SILO	PRODUCT	M LBS	GRADE	BLD	TK	PRODUCT	%	10M	GOAL		
281	5415	65	1	1675	5385	113	0550	407		5305	0	10M	741-745	21	21
282	5395	125	1	1676	85M	77	1	501		5415	76	10M	746-747	25	25
475	5465	59	1	1677	5385	9	EMPTY	502		5385	89	10M	TOTAL BATCHES	10	10
476	5305	65	1	1678	85M	12	1	550		POND	0	WHY	WERE BATCHES	56	56
478	5265	34	1	1679	85M	112	0820	551		POND	1	WHY	WERE BATCHES	LOST	LOST
479	2092	47	1	1680	85M	59	1	552		POND	0	WHY	WERE BATCHES	LOST	LOST
490	5395	12	1	1681	5265	143	0400	553		POND	0	WHY	WERE BATCHES	LOST	LOST
491	5395	53	1	1682	5305	9	EMPTY	644		5305	0	WHY	WERE BATCHES	LOST	LOST
492	5415	11	1	1683	5305	9	EMPTY	646		5385	1	WHY	WERE BATCHES	LOST	LOST
493	5415	56	1	1684	5265	120	0400	647		5385	78	WHY	WERE BATCHES	LOST	LOST
575	0/S	10MANT	1685		5385	106	REDY	648		5305	0	WHY	WERE BATCHES	LOST	LOST
576	5415	73HHP	1686		5385	14	1	649		5305	0	WHY	WERE BATCHES	LOST	LOST
577	5415	10EMPTY	1687		5385	9	1	650		5395	0	WHY	WERE BATCHES	LOST	LOST
578	5465	10	1	1688	85M	21	1	651		5395	0	WHY	WERE BATCHES	LOST	LOST
				1689	5305	10	EMPTY	652		5305	0	WHY	WERE BATCHES	LOST	LOST
					5265	152	REDY	653		5305	0	WHY	WERE BATCHES	LOST	LOST
					5305	10	STUP	654		5415	0	WHY	WERE BATCHES	LOST	LOST
					D8OX	173	STUP	655		5395	0	WHY	WERE BATCHES	LOST	LOST
								747		5385	77	WHY	WERE BATCHES	LOST	LOST

PRODUCTION TOTALS				REACTOR STATUS				DRYER STATUS				VCM RECEIVERS				PRODUCTION BY TYPE AND RX			
SILOS	MLBS	1788.0	RX	PRODUCT	MODE	DRYER	PRODUCT	SILO	RECEIVERS	%	PRODUCT	LBS	RX	#BAT	UP-TM				
STRAPPED&WEIGHT	2	300	POLY	1	4	OTHER	600	10M	FVCM	69	5225	0	300	5	23.1				
COMPOUND MLBS	257450	400	POLY	4	5	OTHER	687	10M	S RVCM	13	5265	37012	400	4	21.7				
YARD MLBS	242222	600	POLY	5	6	OTHER	692	10M	N RVCM	9	5305	143652	500	4	19.4				
PREVIOUS DAY	242222	700	POLY	6	7	OTHER	691	10M	N RVCM	16	5325	0	600	5	23.2				
PRODUCTION TOT	242222	741	POLY	7	8	OTHER	686	10M	S RVCM	71	5385	2285442	700	4	23.1				
MONTH TO DATE	242222	742	POLY	8	9N	5385	691	10M	E RVCM	42	5395	0	741	4	20.6				
			POLY	9S	10	5385	687	10M	W RVCM	29	5415	0	742	4	20.7				
			POLY	10	11	5385	686	10M	SPHERE	22	5416	0	743	3	17.7				
			POLY	11	12	5385	680	10M	WATER(FT.)	24	5465	0	744	4	18.5				
			POLY	12	13	5385	676	10M	BATCHES	22	5465	0	745	4	18.0				
			POLY	13	14	5305	30	10M	TOTAL OM	22	5465	0	746	5	21.8				
			POLY	14	15	5305	35	10M	TOTAL NM	28	5465	0	747	4	20.7				

Leak Detection and Elimination Sheet

Date/ Time	Leak No / Written up By	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not No	What Repairs Were Made?	Date Repaired	Repaired By	Repair Verified By
5-11-02	6150	GC#5	10.0	Blowdown TANK Pump overline	20	NOT AT THS Times	Wrapped with Pipe Patch.	5-11-02	J	J
2214	GAN	6								
5-11-02	6151	GC#1	7.5	North Liquid HS Line LEAK TC	40	NO	Change TC South Line			
0249	GAN	2								
5-11-02	6152	GC#1	9.6	South Liquid Line LEAK	20	NO	South Liquid Line LEAK Also			
0504	GAN	3	6.8 7.3 6.4 8.1 6.4 5.5	JR						
5-12-02	6153	GC#1	9.4	Found nothing	0	NO	Found nothing			
0415	GAN	3		TC			Tim Corbett			
5-13-02	6154	GC#2	7.6	Nothing Found						
1818	GAN	1,2	6.7							
5-13-02	6155	GC#1	9.4	Nothing Found						
1826	GAN	3								

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph
This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all
sections are completed

Leak Detection and Elimination Sheet

Date/ Time	Leak No / Written up By	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not No	What Repairs Were Made?	Date Repaired	Repaired By	Repair Verified By
5-10-02	6144	GC 2	0		0		Found nothing Reading cleared	5-10	DH	DH
05:00	B	#9	7.3	DHopper						
5-10-02	6145	1	5.5	Bottom H1-mol stopped.	0		Nothing found had cleaned both dump streamers. Readings cleared	—	—	CW
0730	BM	9								
5-10-02	6146	GC #5	7.4	Nothing Found	0	No	Denser Shunt			
0018	BN	6		DS						
5-10-02	6147	GC #2	5.1	Found Nothing Reading Cleared	0	No	Denser Shunt			
0240	BN	10		DS						
5-11-02	6148	#3 1,2,8,5	5.2/2.0	Not Found	NA	NA	NA	NA	NA	NA
0630	Ch	#5 5,7,8,8	8.2							
5-11-02	6149	GC 3	9.2							
1015	CN	10		Chris White						

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Old Module									
Day Shift Operator <u>M Bailey</u>							Date <u>5-13-02</u>		
Night shift Operator <u>D Bailey T. M. H. M. H. H.</u>									
Catalyst Type:					Changes				
	610	288	L-10	554		610	288	L-10	554
Reactors									
Rx-300		4	2						
Rx-400		4	2						
Rx-500		3	3						
Rx-600		3	3						
Rx-700		5	5						
New Module									
Day Shift Operator <u>D Bowles</u>									
Night shift Operator <u>John David Rodgers</u>									
Catalyst Type					Changes				
	610	288	L-10	554		610	288	L-10	554
Reactors									
Rx-741		4	3				6	3	
Rx-742		4	3				6	3	
Rx-743		4	3				6	3	
Rx-744		4	3				6	3	
Rx-745		7	4				8	4	
Rx-746			2	6			9	4	
Rx-747			2	6			9	4	
Comments									

Vinyl Resin Flow Sheet

Shift BTime 0700Date 5-14-02

646	Product	Product	647
Level	Blend No	Blend No	Level
%	<u>Stripper</u>		%
	<u>Start Up</u>		

Dryer # 4	Silo
Product <u>5385</u>	<u>687</u>
Blend Tank <u>502</u>	

648	Product	Product	649
Level	Blend No	Blend No	Level
%	<u>Air Off</u>		%
	<u>Washed Out</u>		

Dryer # 5	Silo
Product	<u>692</u>
Blend Tank	<u>DOWN</u>

650	Product	Product	651
Level	Blend No	Blend No	Level
%	<u>5525</u>		%

Dryer # 6	Silo
Product	<u>691</u>
Blend Tank	<u>DOWN</u>

652	Product	Product	653
Level	Blend No	Blend No	Level
%	<u>Air Off</u>		%
	<u>Washed Out</u>		

Dryer # 7	Silo
Product <u>5385</u>	<u>686</u>
Blend Tank <u>502</u>	

654	Product	Product	655
Level	Blend No	Blend No	Level
%			%

Dryer # 8	Silo
Product	<u>691</u>
Blend Tank	<u>DOWN</u>

644	Product
Level	Blend No
%	<u>Lo Mol</u>
	<u>Stripper</u>
	<u>Start Up</u>

502	Product <u>5385</u>
<u>1323340</u>	<u>REG</u>
<u>1323460</u>	
<u>1323530</u>	
<u>1323670</u>	
<u>1323750</u>	

Fluid Bed Dryer
Product <u>5385</u>
Blend Tank <u>502</u>
North <u>687</u>
South <u>686</u>

407	Product <u>5305</u>
<u>8507147</u>	<u>REG</u>
<u>8507246</u>	

Dryer # 10	Silo
Product <u>5385M</u>	<u>680</u>
Blend Tank <u>747</u>	

Dryer # 11	Silo
Product <u>5385M</u>	<u>676</u>
Blend Tank <u>747</u>	

501	Product <u>5415</u>
<u>8/2</u>	<u>H.P.</u>

747	Product <u>5385M</u>
<u>8506844</u>	<u>REG</u>
<u>8506942</u>	
<u>8507341</u>	
<u>8507445</u>	

Product Transferring:		
From	To	
<u>281</u>	<u>492</u>	<u>5415</u>
<u>282</u>	<u>491</u>	<u>5395</u>

Vinyl Sample Results

Date 5-13-02

Product	Blend #	PARTICLE SIZE										Micron	40	60	80	100	120	140	200	Pan	Pas ¹	HP	Bulk Density	Fluff	Flow	L	Color	n'	S	Color	FTIR	PVA	PVCM	Run Time		
5385M	8503542	→ 174	0.0	5.4	37.1	26.5	17.4	7.8	7.9	1.0	5.9																									
5385M	8503643																																			
5385M	8503741																																			
5265	8503847	→ 151	0.0	1.5	19.1	27.2	26.4	14.4	9.1	2.2	11.3																									
5385M	8503944																																			
5385M	8504045																																			
5265	8504146																																			
5385M	8504242	→ 171	0.0	5.3	33.5	27.3	18.4	8.5	5.3	1.0	6.5																									
5385M	8504343																																			
5265	8504447																																			
5385M	8504541																																			
5385M	8504644																																			
5265	8504746																																			
5385M	8504842																																			
5385M	8504945																																			
5385M	8505043																																			
5385	8505147	→ 186	0.0	11.3	42.1	20.9	13.2	6.3	4.9	1.4	6.2																									
5385M	8505241																																			
5385M	8505344	→ 171	0	5.7	33.8	25.4	19.3	9.2	6.3	1.3	7.6																									
5385	8505446	→ 176	0	11.6	31.3	19.1	16.4	11.1	9.4	1.2	10.6																									
5385M	8505543																																			
5385M	8505643																																			
5385	8505747																																			
5385M	8505845																																			
5385M	8505941																																			
5385	8506046																																			
5385M	8506144																																			
5385M	8506242	→ 174	0	6	36.4	26.3	17.3	7.7	5	1.3	6.3																									
5385M	8506343																																			
5385	8506447	→ 195	0	15.4	44.4	19.1	11	4.9	3.7	1.5	5.2																									
5385M	8506545																																			
5385M	8506641																																			
5385	8506746																																			
5385M	8506844																																			

Vinyl Sample Results

Date 5-13-02

Product	Blend #	PARTICLE SIZE										Bulk Density	Fluff Flow	L Color	A Color	B Color	FTIR	DVA	RVC, Fin Time	
		Micron	40	60	80	100	120	140	200	Pan	Past 140									HP
5385	1321270	191	0.0	12.5	44.6	20.7	12.1	5.3	3.7	1.1	9.8	.540	570	74	97.9	114	2.12	227	1070	358
5385	1321340																	128	1153	408
5385	1321450																	127	1053	401
5385	1321560																	128	1209	404
5385	1321630																	126	625	400
5385	1321770	186	0.0	11.3	42.1	20.9	13.2	6.3	4.9	1.4	6.2	.545	583	8.3	97.9	102	2.18	233	1280	402
5385	1321840																	126	1209	412
5385	1321950																	127	775	411
5385	1322060																	128	1410	406
5385	1322130																	127	718	345
5385	1322270																	228	1187	405
5385	1322340	176	0	11.6	31.3	19.1	16.4	11.1	9.4	1.2	10.6	.544	550	9.4	98.29	7.11	2.06	127	1210	401
5385	1322460																	130	1207	409
5385	1322530																	129	1209	423
5385	1322670																	230	1408	405
5385	1322750																	128	1017	358
5385	1322840																	127	810	409
5385	1322960	195	0	15.4	44.4	19.1	11	4.9	3.7	1.5	5.2	.566	597	7.7	98.11	7.13	2.15	230	1408	401
5385	1323030																	132	383	419
5385	1323170																	228	996	408
5385	1323250																	122	1049	414

Date 5-13-02

REACTOR DAILY PRODUCTION AND STATUS REPORT

Equipment	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400
300																								
400																								
500																								
600																								
700																								
Stripper	260	140																						
Strainer																								
Cleaning																								

Left 40 m' on 500 bearing; leaving to pull 400 door for maint.

Put 1.50 on 400 charge; maint. cleaning also put.

Left 4 m' on 500 charge; repairing pressure transmitter + cleaning atmosphere vent.

Left 35 m' dump 700, dumping 300 + H.D.T.L.

8

21

13

Hi-Mo Charges =

21

Lo-Mo Charges =

0

Total Charges =

21

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 5/13/02

Equipment	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400
741																								
742																								
743																								
744																								
745																								
746																								
747																								
Hi-Mol Stripper																								
Lo-Mol Stripper																								
Strainer Cleaning																								
743 lost 15 mins, dump tank level, dumping 742 741 lost 15 mins, dumping 745 744 lost 75 mins, blend tank full 742 lost 55 mins, blend tank full 743 lost 120 mins, dumping 742, blend tank full - 747 lost 160 mins, product change - 746 lost 95 mins, product change - 741 lost 170 mins, blend tank full - 745 lost 250 mins, blend tank full - 742 lost 140 mins, blend tank full - 743 lost 230 mins, seal, preparing for maintenance 744 lost 220 mins, blend tank full, dumping 741 & 745																								
Hi-Mo Charges = <u>11</u> + <u>8</u>															Lo-Mo Charges = <u>5</u> + <u>4</u>									
Total Charges = <u>28</u>																								