

TRIPLE/S DYNAMICS  
LAB TEST REPORT

CUSTOMER: [REDACTED]

SALES ENGINEER: [REDACTED]

DATE OF TEST: [REDACTED]

OBJECTIVE: Remove -40 mesh fines from Hickory wood chips.

EQUIPMENT USED: 2X12 single deck Texas Shaker®, surge bin feeder.

PROCEDURE: The sample was first reduced, for sieve analysis, and at the same time equally divided for two separate tests. A 2X12 Texas Shaker® was equipped with 8' of screen length and 4' of blank plate. To simulate a guard deck, each of the samples were screened at 6 & 10 mesh respectively. The under-size from each of these runs was then screened at 40 mesh (U.S. Standard). Results are as follows.

RESULTS: 2X12 Texas Shaker Screening

<u>Product</u>	<u>Weight</u>	<u>Percent by Weight</u>
+10m	33.0 lb.	78.6
-10+40m	7.5 lb.	17.9
-40m	1.5 lb.	3.5

NOTE: Feed rate for 10m screening 22 lb/min. For 40m, 7 lb/min.

<u>Product</u>	<u>Weight</u>	<u>Percent by Weight</u>
+6m	11.0 lb.	26.2
-6+40m	28.3 lb.	67.3
-40m	2.7 lb.	6.4

NOTE: Feed rate for 6m screening 22.5 lb/min. For 40m, 7 lb/min

[REDACTED]

Sieve Analysis

<u>Sieve No.</u>	<u>Percent</u>
+10	8.0
+12	9.9
+14	16.6
+16	15.4
+20	13.6
+24	9.5
+28	10.3
+32	6.4
+35	3.4
+42	1.7
+48	2.2
+60	1.6
-60	1.4

Total -40m % = 6.9%