

Tank ID **100-012** Tank Type **F** Roof Weight **132,280** API **10.00** Gravity Correction **2.70**
 Strapped By: hmt 9/14/2016 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
0-00-00	49.76	3-06-00	6,749.57	7-00-00	13,776.08 F	10-06-00	21,183.00 F
0-01-00	79.35	3-07-00	6,926.00	7-01-00	13,952.44 F	10-07-00	21,359.32 F
0-02-00	124.38	3-08-00	7,102.42	7-02-00	14,128.81 F	10-08-00	21,535.64 F
0-03-00	189.69	3-09-00	7,278.85	7-03-00	14,305.17 F	10-09-00	21,711.96 F
0-04-00	270.70	3-10-00	7,455.23	7-04-00	14,481.54 F	10-10-00	21,888.27 F
0-05-00	367.22	3-11-00	7,631.59	7-05-00	14,657.90 F	10-11-00	22,064.59 F
0-06-00	485.74	4-00-00	7,807.96	7-06-00	14,834.27 F	11-00-00	22,240.91 F
0-07-00	619.11	4-01-00	7,984.32	7-07-00	15,010.63 F	11-01-00	22,417.23 F
0-08-00	770.59	4-02-00	8,160.69	7-08-00	15,187.00 F	11-02-00	22,593.55 F
0-09-00	933.89	4-03-00	8,337.05	7-09-00	15,363.37 F	11-03-00	22,769.86 F
0-10-00	1,104.59	4-04-00	8,513.42	7-10-00	15,539.73 F	11-04-00	22,946.18 F
0-11-00	1,280.96	4-05-00	8,689.78	7-11-00	15,716.10 F	11-05-00	23,122.50 F
1-00-00	1,457.34	4-06-00	8,866.15	8-00-00	15,892.46 F	11-06-00	23,298.82 F
1-01-00	1,633.71	4-07-00	9,042.52	8-01-00	16,068.83 F	11-07-00	23,475.13 F
1-02-00	1,810.09	4-08-00	9,218.88	8-02-00	16,245.19 F	11-08-00	23,651.45 F
1-03-00	1,986.47	4-09-00	9,395.25 F	8-03-00	16,421.56 F	11-09-00	23,827.77 F
1-04-00	2,162.88	4-10-00	9,492.23 F	8-04-00	16,597.92 F	11-10-00	24,004.09 F
1-05-00	2,339.29	4-11-00	9,541.58 F	8-05-00	16,774.29 F	11-11-00	24,180.40 F
1-06-00	2,515.69	5-00-00	9,590.93 F	8-06-00	16,950.66 F	12-00-00	24,356.72 F
1-07-00	2,692.09	5-01-00	9,719.67 F	8-07-00	17,127.02 F	12-01-00	24,533.04 F
1-08-00	2,868.49	5-02-00	9,896.03 F	8-08-00	17,303.39 F	12-02-00	24,709.36 F
1-09-00	3,044.89	5-03-00	10,072.40 F	8-09-00	17,479.75 F	12-03-00	24,885.67 F
1-10-00	3,221.29	5-04-00	10,248.76 F	8-10-00	17,656.12 F	12-04-00	25,061.99 F
1-11-00	3,397.68	5-05-00	10,425.13 F	8-11-00	17,832.48 F	12-05-00	25,238.31 F
2-00-00	3,574.08	5-06-00	10,601.49 F	9-00-00	18,008.85 F	12-06-00	25,414.63 F
2-01-00	3,750.48	5-07-00	10,777.86 F	9-01-00	18,185.22 F	12-07-00	25,590.94 F
2-02-00	3,926.87	5-08-00	10,954.23 F	9-02-00	18,361.58 F	12-08-00	25,767.26 F
2-03-00	4,103.26	5-09-00	11,130.59 F	9-03-00	18,537.95 F	12-09-00	25,943.58 F
2-04-00	4,279.65	5-10-00	11,306.96 F	9-04-00	18,714.31 F	12-10-00	26,119.90 F
2-05-00	4,456.06	5-11-00	11,483.32 F	9-05-00	18,890.68 F	12-11-00	26,296.21 F
2-06-00	4,632.49	6-00-00	11,659.69 F	9-06-00	19,067.04 F	13-00-00	26,472.53 F
2-07-00	4,808.91	6-01-00	11,836.05 F	9-07-00	19,243.41 F	13-01-00	26,648.85 F
2-08-00	4,985.33	6-02-00	12,012.42 F	9-08-00	19,419.77 F	13-02-00	26,825.17 F
2-09-00	5,161.76	6-03-00	12,188.78 F	9-09-00	19,596.14 F	13-03-00	27,001.49 F
2-10-00	5,338.18	6-04-00	12,365.15 F	9-10-00	19,772.46 F	13-04-00	27,177.80 F
2-11-00	5,514.61	6-05-00	12,541.52 F	9-11-00	19,948.78 F	13-05-00	27,354.12 F
3-00-00	5,691.03	6-06-00	12,717.88 F	10-00-00	20,125.10 F	13-06-00	27,530.44 F
3-01-00	5,867.45	6-07-00	12,894.25 F	10-01-00	20,301.42 F	13-07-00	27,706.76 F
3-02-00	6,043.88	6-08-00	13,070.61 F	10-02-00	20,477.73 F	13-08-00	27,883.07 F
3-03-00	6,220.30	6-09-00	13,246.98 F	10-03-00	20,654.05 F	13-09-00	28,059.39 F
3-04-00	6,396.73	6-10-00	13,423.34 F	10-04-00	20,830.37 F	13-10-00	28,235.71 F
3-05-00	6,573.15	6-11-00	13,599.71 F	10-05-00	21,006.69 F	13-11-00	28,412.03 F

All fractional values are to be calculated between the one inch values at the point of strapping

BOLD DENOTES ROOF CRITICAL ZONE

Tank ID **100-012** Tank Type **F** Roof Weight **132,280** API **10.00** Gravity Correction **2.70**
 Strapped By: hmt 9/14/2016 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
14-00-00	28,588.34 F	17-06-00	35,993.68 F	21-00-00	43,400.29 F	24-06-00	50,809.09 F
14-01-00	28,764.66 F	17-07-00	36,170.00 F	21-01-00	43,576.69 F	24-07-00	50,985.49 F
14-02-00	28,940.98 F	17-08-00	36,346.32 F	21-02-00	43,753.09 F	24-08-00	51,161.89 F
14-03-00	29,117.30 F	17-09-00	36,522.64 F	21-03-00	43,929.49 F	24-09-00	51,338.29 F
14-04-00	29,293.61 F	17-10-00	36,698.95 F	21-04-00	44,105.89 F	24-10-00	51,514.69 F
14-05-00	29,469.93 F	17-11-00	36,875.27 F	21-05-00	44,282.29 F	24-11-00	51,691.09 F
14-06-00	29,646.25 F	18-00-00	37,051.59 F	21-06-00	44,458.69 F	25-00-00	51,867.49 F
14-07-00	29,822.57 F	18-01-00	37,227.91 F	21-07-00	44,635.09 F	25-01-00	52,043.89 F
14-08-00	29,998.88 F	18-02-00	37,404.22 F	21-08-00	44,811.49 F	25-02-00	52,220.29 F
14-09-00	30,175.20 F	18-03-00	37,580.54 F	21-09-00	44,987.89 F	25-03-00	52,396.69 F
14-10-00	30,351.52 F	18-04-00	37,756.86 F	21-10-00	45,164.29 F	25-04-00	52,573.09 F
14-11-00	30,527.84 F	18-05-00	37,933.18 F	21-11-00	45,340.69 F	25-05-00	52,749.49 F
15-00-00	30,704.15 F	18-06-00	38,109.49 F	22-00-00	45,517.09 F	25-06-00	52,925.89 F
15-01-00	30,880.47 F	18-07-00	38,285.81 F	22-01-00	45,693.49 F	25-07-00	53,102.29 F
15-02-00	31,056.79 F	18-08-00	38,462.13 F	22-02-00	45,869.89 F	25-08-00	53,278.69 F
15-03-00	31,233.11 F	18-09-00	38,638.45 F	22-03-00	46,046.29 F	25-09-00	53,455.09 F
15-04-00	31,409.43 F	18-10-00	38,814.76 F	22-04-00	46,222.69 F	25-10-00	53,631.49 F
15-05-00	31,585.74 F	18-11-00	38,991.08 F	22-05-00	46,399.09 F	25-11-00	53,807.89 F
15-06-00	31,762.06 F	19-00-00	39,167.40 F	22-06-00	46,575.49 F	26-00-00	53,984.29 F
15-07-00	31,938.38 F	19-01-00	39,343.72 F	22-07-00	46,751.89 F	26-01-00	54,160.69 F
15-08-00	32,114.70 F	19-02-00	39,520.03 F	22-08-00	46,928.29 F	26-02-00	54,337.09 F
15-09-00	32,291.01 F	19-03-00	39,696.35 F	22-09-00	47,104.69 F	26-03-00	54,513.49 F
15-10-00	32,467.33 F	19-04-00	39,872.67 F	22-10-00	47,281.09 F	26-04-00	54,689.89 F
15-11-00	32,643.65 F	19-05-00	40,048.99 F	22-11-00	47,457.49 F	26-05-00	54,866.29 F
16-00-00	32,819.97 F	19-06-00	40,225.31 F	23-00-00	47,633.89 F	26-06-00	55,042.69 F
16-01-00	32,996.28 F	19-07-00	40,401.62 F	23-01-00	47,810.29 F	26-07-00	55,219.09 F
16-02-00	33,172.60 F	19-08-00	40,577.94 F	23-02-00	47,986.69 F	26-08-00	55,395.49 F
16-03-00	33,348.92 F	19-09-00	40,754.29 F	23-03-00	48,163.09 F	26-09-00	55,571.89 F
16-04-00	33,525.24 F	19-10-00	40,930.69 F	23-04-00	48,339.49 F	26-10-00	55,748.29 F
16-05-00	33,701.55 F	19-11-00	41,107.09 F	23-05-00	48,515.89 F	26-11-00	55,924.69 F
16-06-00	33,877.87 F	20-00-00	41,283.49 F	23-06-00	48,692.29 F	27-00-00	56,101.09 F
16-07-00	34,054.19 F	20-01-00	41,459.89 F	23-07-00	48,868.69 F	27-01-00	56,277.49 F
16-08-00	34,230.51 F	20-02-00	41,636.29 F	23-08-00	49,045.09 F	27-02-00	56,453.89 F
16-09-00	34,406.82 F	20-03-00	41,812.69 F	23-09-00	49,221.49 F	27-03-00	56,630.29 F
16-10-00	34,583.14 F	20-04-00	41,989.09 F	23-10-00	49,397.89 F	27-04-00	56,806.69 F
16-11-00	34,759.46 F	20-05-00	42,165.49 F	23-11-00	49,574.29 F	27-05-00	56,983.09 F
17-00-00	34,935.78 F	20-06-00	42,341.89 F	24-00-00	49,750.69 F	27-06-00	57,159.49 F
17-01-00	35,112.09 F	20-07-00	42,518.29 F	24-01-00	49,927.09 F	27-07-00	57,335.89 F
17-02-00	35,288.41 F	20-08-00	42,694.69 F	24-02-00	50,103.49 F	27-08-00	57,512.29 F
17-03-00	35,464.73 F	20-09-00	42,871.09 F	24-03-00	50,279.89 F	27-09-00	57,688.69 F
17-04-00	35,641.05 F	20-10-00	43,047.49 F	24-04-00	50,456.29 F	27-10-00	57,865.09 F
17-05-00	35,817.37 F	20-11-00	43,223.89 F	24-05-00	50,632.69 F	27-11-00	58,041.49 F

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Tank ID **100-012** Tank Type **F** Roof Weight **132,280** API **10.00** Gravity Correction **2.70**
 Strapped By: hmt 9/14/2016 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
28-00-00	58,217.89 F	31-06-00	65,632.69 F	35-00-00	73,053.02 F	38-06-00	80,473.26 F
28-01-00	58,394.29 F	31-07-00	65,809.37 F	35-01-00	73,229.69 F	38-07-00	80,649.93 F
28-02-00	58,570.69 F	31-08-00	65,986.04 F	35-02-00	73,406.37 F	38-08-00	80,826.59 F
28-03-00	58,747.09 F	31-09-00	66,162.71 F	35-03-00	73,583.04 F	38-09-00	81,003.26 F
28-04-00	58,923.49 F	31-10-00	66,339.39 F	35-04-00	73,759.71 F	38-10-00	81,179.93 F
28-05-00	59,099.89 F	31-11-00	66,516.06 F	35-05-00	73,936.39 F	38-11-00	81,356.59 F
28-06-00	59,276.29 F	32-00-00	66,692.74 F	35-06-00	74,113.06 F	39-00-00	81,533.26 F
28-07-00	59,452.69 F	32-01-00	66,869.41 F	35-07-00	74,289.74 F	39-01-00	81,709.92 F
28-08-00	59,629.09 F	32-02-00	67,046.09 F	35-08-00	74,466.41 F	39-02-00	81,886.59 F
28-09-00	59,805.49 F	32-03-00	67,222.76 F	35-09-00	74,643.09 F	39-03-00	82,063.26 F
28-10-00	59,981.89 F	32-04-00	67,399.44 F	35-10-00	74,819.76 F	39-04-00	82,239.92 F
28-11-00	60,158.29 F	32-05-00	67,576.11 F	35-11-00	74,996.43 F	39-05-00	82,416.59 F
29-00-00	60,334.69 F	32-06-00	67,752.78 F	36-00-00	75,173.11 F	39-06-00	82,593.26 F
29-01-00	60,511.09 F	32-07-00	67,929.46 F	36-01-00	75,349.78 F	39-07-00	82,769.92 F
29-02-00	60,687.49 F	32-08-00	68,106.13 F	36-02-00	75,526.46 F	39-08-00	82,946.59 F
29-03-00	60,863.89 F	32-09-00	68,282.81 F	36-03-00	75,703.13 F	39-09-00	83,123.26 F
29-04-00	61,040.29 F	32-10-00	68,459.48 F	36-04-00	75,879.81 F	39-10-00	83,299.92 F
29-05-00	61,216.69 F	32-11-00	68,636.16 F	36-05-00	76,056.48 F	39-11-00	83,476.59 F
29-06-00	61,393.09 F	33-00-00	68,812.83 F	36-06-00	76,233.16 F	40-00-00	83,653.26 F
29-07-00	61,569.49 F	33-01-00	68,989.51 F	36-07-00	76,409.83 F	40-01-00	83,829.92 F
29-08-00	61,745.89 F	33-02-00	69,166.18 F	36-08-00	76,586.50 F	40-02-00	84,006.59 F
29-09-00	61,922.53 F	33-03-00	69,342.85 F	36-09-00	76,763.18 F	40-03-00	84,183.25 F
29-10-00	62,099.20 F	33-04-00	69,519.53 F	36-10-00	76,939.85 F	40-04-00	84,359.92 F
29-11-00	62,275.88 F	33-05-00	69,696.20 F	36-11-00	77,116.53 F	40-05-00	84,536.59 F
30-00-00	62,452.55 F	33-06-00	69,872.88 F	37-00-00	77,293.20 F	40-06-00	84,713.25 F
30-01-00	62,629.23 F	33-07-00	70,049.55 F	37-01-00	77,469.88 F	40-07-00	84,889.92 F
30-02-00	62,805.90 F	33-08-00	70,226.23 F	37-02-00	77,646.55 F	40-08-00	85,066.59 F
30-03-00	62,982.58 F	33-09-00	70,402.90 F	37-03-00	77,823.23 F	40-09-00	85,243.25 F
30-04-00	63,159.25 F	33-10-00	70,579.57 F	37-04-00	77,999.90 F	40-10-00	85,419.92 F
30-05-00	63,335.92 F	33-11-00	70,756.25 F	37-05-00	78,176.57 F	40-11-00	85,596.59 F
30-06-00	63,512.60 F	34-00-00	70,932.92 F	37-06-00	78,353.25 F	41-00-00	85,773.25 F
30-07-00	63,689.27 F	34-01-00	71,109.60 F	37-07-00	78,529.92 F	41-01-00	85,949.92 F
30-08-00	63,865.95 F	34-02-00	71,286.27 F	37-08-00	78,706.60 F	41-02-00	86,126.58 F
30-09-00	64,042.62 F	34-03-00	71,462.95 F	37-09-00	78,883.26 F	41-03-00	86,303.25 F
30-10-00	64,219.30 F	34-04-00	71,639.62 F	37-10-00	79,059.93 F	41-04-00	86,479.92 F
30-11-00	64,395.97 F	34-05-00	71,816.30 F	37-11-00	79,236.60 F	41-05-00	86,656.58 F
31-00-00	64,572.65 F	34-06-00	71,992.97 F	38-00-00	79,413.26 F	41-06-00	86,833.25 F
31-01-00	64,749.32 F	34-07-00	72,169.64 F	38-01-00	79,589.93 F	41-07-00	87,009.92 F
31-02-00	64,925.99 F	34-08-00	72,346.32 F	38-02-00	79,766.59 F	41-08-00	87,186.58 F
31-03-00	65,102.67 F	34-09-00	72,522.99 F	38-03-00	79,943.26 F	41-09-00	87,363.25 F
31-04-00	65,279.34 F	34-10-00	72,699.67 F	38-04-00	80,119.93 F	41-10-00	87,539.92 F
31-05-00	65,456.02 F	34-11-00	72,876.34 F	38-05-00	80,296.59 F	41-11-00	87,716.58 F

All fractional values are to be calculated between the one inch values at the point of strapping

BOLD DENOTES ROOF CRITICAL ZONE

Tank ID **100-012** Tank Type **F** Roof Weight **132,280** API **10.00** Gravity Correction **2.70**
 Strapped By: hmt 9/14/2016 Floating Height **4-09-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
42-00-00	87,893.25 F	45-06-00	95,313.24 F	49-00-00	102,736.31 F	52-06-00	110,159.49 F
42-01-00	88,069.92 F	45-07-00	95,489.90 F	49-01-00	102,913.06 F	52-07-00	110,336.24 F
42-02-00	88,246.58 F	45-08-00	95,666.62 F	49-02-00	103,089.80 F	52-08-00	110,512.98 F
42-03-00	88,423.25 F	45-09-00	95,843.36 F	49-03-00	103,266.54 F	52-09-00	110,689.72 F
42-04-00	88,599.91 F	45-10-00	96,020.10 F	49-04-00	103,443.28 F	52-10-00	110,866.46 F
42-05-00	88,776.58 F	45-11-00	96,196.85 F	49-05-00	103,620.03 F	52-11-00	111,043.21 F
42-06-00	88,953.25 F	46-00-00	96,373.59 F	49-06-00	103,796.77 F	53-00-00	111,219.95 F
42-07-00	89,129.91 F	46-01-00	96,550.33 F	49-07-00	103,973.51 F	53-01-00	111,396.69 F
42-08-00	89,306.58 F	46-02-00	96,727.07 F	49-08-00	104,150.25 F	53-02-00	111,573.43 F
42-09-00	89,483.25 F	46-03-00	96,903.81 F	49-09-00	104,327.00 F	53-03-00	111,750.18 F
42-10-00	89,659.91 F	46-04-00	97,080.56 F	49-10-00	104,503.74 F	53-04-00	111,926.92 F
42-11-00	89,836.58 F	46-05-00	97,257.30 F	49-11-00	104,680.48 F	53-05-00	112,103.66 F
43-00-00	90,013.25 F	46-06-00	97,434.04 F	50-00-00	104,857.22 F	53-06-00	112,280.40 F
43-01-00	90,189.91 F	46-07-00	97,610.78 F	50-01-00	105,033.97 F	53-07-00	112,457.15 F
43-02-00	90,366.58 F	46-08-00	97,787.53 F	50-02-00	105,210.71 F		
43-03-00	90,543.24 F	46-09-00	97,964.27 F	50-03-00	105,387.45 F		
43-04-00	90,719.91 F	46-10-00	98,141.01 F	50-04-00	105,564.19 F		
43-05-00	90,896.58 F	46-11-00	98,317.75 F	50-05-00	105,740.93 F		
43-06-00	91,073.24 F	47-00-00	98,494.50 F	50-06-00	105,917.68 F		
43-07-00	91,249.91 F	47-01-00	98,671.24 F	50-07-00	106,094.42 F		
43-08-00	91,426.58 F	47-02-00	98,847.98 F	50-08-00	106,271.16 F		
43-09-00	91,603.24 F	47-03-00	99,024.72 F	50-09-00	106,447.90 F		
43-10-00	91,779.91 F	47-04-00	99,201.47 F	50-10-00	106,624.65 F		
43-11-00	91,956.58 F	47-05-00	99,378.21 F	50-11-00	106,801.39 F		
44-00-00	92,133.24 F	47-06-00	99,554.95 F	51-00-00	106,978.13 F		
44-01-00	92,309.91 F	47-07-00	99,731.69 F	51-01-00	107,154.87 F		
44-02-00	92,486.58 F	47-08-00	99,908.44 F	51-02-00	107,331.62 F		
44-03-00	92,663.24 F	47-09-00	100,085.18 F	51-03-00	107,508.36 F		
44-04-00	92,839.91 F	47-10-00	100,261.92 F	51-04-00	107,685.10 F		
44-05-00	93,016.57 F	47-11-00	100,438.66 F	51-05-00	107,861.84 F		
44-06-00	93,193.24 F	48-00-00	100,615.41 F	51-06-00	108,038.59 F		
44-07-00	93,369.91 F	48-01-00	100,792.15 F	51-07-00	108,215.33 F		
44-08-00	93,546.57 F	48-02-00	100,968.89 F	51-08-00	108,392.07 F		
44-09-00	93,723.24 F	48-03-00	101,145.63 F	51-09-00	108,568.81 F		
44-10-00	93,899.91 F	48-04-00	101,322.37 F	51-10-00	108,745.56 F		
44-11-00	94,076.57 F	48-05-00	101,499.12 F	51-11-00	108,922.30 F		
45-00-00	94,253.24 F	48-06-00	101,675.86 F	52-00-00	109,099.04 F		
45-01-00	94,429.91 F	48-07-00	101,852.60 F	52-01-00	109,275.78 F		
45-02-00	94,606.57 F	48-08-00	102,029.34 F	52-02-00	109,452.53 F		
45-03-00	94,783.24 F	48-09-00	102,206.09 F	52-03-00	109,629.27 F		
45-04-00	94,959.90 F	48-10-00	102,382.83 F	52-04-00	109,806.01 F		
45-05-00	95,136.57 F	48-11-00	102,559.57 F	52-05-00	109,982.75 F		

All fractional values are to be calculated between the one inch values at the point of strapping

BOLD DENOTES ROOF CRITICAL ZONE