

Tank ID **160-006** Tank Type **F** Roof Weight **238,000** API **47.50** Gravity Correction **4.82**
 Strapped By: HMT 10/5/2018 Floating Height **3-09-00**

<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	112.24	3-06-00	10,568.57	7-00-00	22,186.72 F	10-06-00	34,670.90 F
0-01-00	177.54	3-07-00	10,865.68	7-01-00	22,483.97 F	10-07-00	34,968.15 F
0-02-00	253.21	3-08-00	11,162.78	7-02-00	22,781.21 F	10-08-00	35,265.39 F
0-03-00	339.07	3-09-00	11,459.88 F	7-03-00	23,078.45 F	10-09-00	35,562.63 F
0-04-00	432.74	3-10-00	11,750.39 F	7-04-00	23,375.69 F	10-10-00	35,859.87 F
0-05-00	537.38	3-11-00	12,032.36 F	7-05-00	23,672.94 F	10-11-00	36,157.12 F
0-06-00	654.16	4-00-00	12,306.41 F	7-06-00	23,970.18 F	11-00-00	36,454.36 F
0-07-00	789.57	4-01-00	12,572.65 F	7-07-00	24,267.42 F	11-01-00	36,751.60 F
0-08-00	958.52	4-02-00	12,831.21 F	7-08-00	24,564.66 F	11-02-00	37,048.84 F
0-09-00	1,150.69	4-03-00	13,082.20 F	7-09-00	24,861.91 F	11-03-00	37,346.09 F
0-10-00	1,358.66	4-04-00	13,325.73 F	7-10-00	25,159.15 F	11-04-00	37,643.33 F
0-11-00	1,577.45	4-05-00	13,477.19 F	7-11-00	25,456.39 F	11-05-00	37,940.57 F
1-00-00	1,813.09	4-06-00	13,482.91 F	8-00-00	25,753.63 F	11-06-00	38,237.81 F
1-01-00	2,073.09	4-07-00	13,569.86 F	8-01-00	26,050.87 F	11-07-00	38,535.06 F
1-02-00	2,344.41	4-08-00	13,866.96 F	8-02-00	26,348.12 F	11-08-00	38,832.30 F
1-03-00	2,616.89	4-09-00	14,164.07 F	8-03-00	26,645.36 F	11-09-00	39,129.54 F
1-04-00	2,889.38	4-10-00	14,461.17 F	8-04-00	26,942.60 F	11-10-00	39,426.78 F
1-05-00	3,161.86	4-11-00	14,758.28 F	8-05-00	27,239.84 F	11-11-00	39,724.03 F
1-06-00	3,437.44	5-00-00	15,055.38 F	8-06-00	27,537.09 F	12-00-00	40,021.27 F
1-07-00	3,734.58	5-01-00	15,352.48 F	8-07-00	27,834.33 F	12-01-00	40,318.51 F
1-08-00	4,031.73	5-02-00	15,649.59 F	8-08-00	28,131.57 F	12-02-00	40,615.75 F
1-09-00	4,328.87	5-03-00	15,946.69 F	8-09-00	28,428.81 F	12-03-00	40,912.99 F
1-10-00	4,625.99	5-04-00	16,243.80 F	8-10-00	28,726.06 F	12-04-00	41,210.24 F
1-11-00	4,923.10	5-05-00	16,540.90 F	8-11-00	29,023.30 F	12-05-00	41,507.48 F
2-00-00	5,220.22	5-06-00	16,838.00 F	9-00-00	29,320.54 F	12-06-00	41,804.72 F
2-01-00	5,517.34	5-07-00	17,135.11 F	9-01-00	29,617.78 F	12-07-00	42,101.96 F
2-02-00	5,814.50	5-08-00	17,432.21 F	9-02-00	29,915.03 F	12-08-00	42,399.21 F
2-03-00	6,111.67	5-09-00	17,729.32 F	9-03-00	30,212.27 F	12-09-00	42,696.45 F
2-04-00	6,408.84	5-10-00	18,026.42 F	9-04-00	30,509.51 F	12-10-00	42,993.69 F
2-05-00	6,706.01	5-11-00	18,323.52 F	9-05-00	30,806.75 F	12-11-00	43,290.93 F
2-06-00	7,003.18	6-00-00	18,620.63 F	9-06-00	31,104.00 F	13-00-00	43,588.18 F
2-07-00	7,300.35	6-01-00	18,917.73 F	9-07-00	31,401.24 F	13-01-00	43,885.42 F
2-08-00	7,597.52	6-02-00	19,214.84 F	9-08-00	31,698.48 F	13-02-00	44,182.66 F
2-09-00	7,894.64	6-03-00	19,511.94 F	9-09-00	31,995.72 F	13-03-00	44,479.90 F
2-10-00	8,191.74	6-04-00	19,809.04 F	9-10-00	32,292.97 F	13-04-00	44,777.15 F
2-11-00	8,488.84	6-05-00	20,106.15 F	9-11-00	32,590.21 F	13-05-00	45,074.39 F
3-00-00	8,785.95	6-06-00	20,403.27 F	10-00-00	32,887.45 F	13-06-00	45,371.63 F
3-01-00	9,083.05	6-07-00	20,700.51 F	10-01-00	33,184.69 F	13-07-00	45,668.87 F
3-02-00	9,380.16	6-08-00	20,997.75 F	10-02-00	33,481.93 F	13-08-00	45,966.12 F
3-03-00	9,677.26	6-09-00	21,295.00 F	10-03-00	33,779.18 F	13-09-00	46,263.36 F
3-04-00	9,974.36	6-10-00	21,592.24 F	10-04-00	34,076.42 F	13-10-00	46,560.60 F
3-05-00	10,271.47	6-11-00	21,889.48 F	10-05-00	34,373.66 F	13-11-00	46,857.85 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 **160-006** Tank Type **F** Roof Weight **238,000** API **47.50** Gravity Correction **4.82**
 Strapped By: HMT 10/5/2018 Floating Height **3-09-00**

<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	47,155.18 F	17-06-00	59,642.75 F	21-00-00	72,130.33 F	24-06-00	84,621.66 F
14-01-00	47,452.50 F	17-07-00	59,940.07 F	21-01-00	72,427.65 F	24-07-00	84,919.11 F
14-02-00	47,749.82 F	17-08-00	60,237.40 F	21-02-00	72,724.97 F	24-08-00	85,216.57 F
14-03-00	48,047.15 F	17-09-00	60,534.72 F	21-03-00	73,022.29 F	24-09-00	85,514.03 F
14-04-00	48,344.47 F	17-10-00	60,832.04 F	21-04-00	73,319.62 F	24-10-00	85,811.48 F
14-05-00	48,641.79 F	17-11-00	61,129.37 F	21-05-00	73,616.94 F	24-11-00	86,108.94 F
14-06-00	48,939.12 F	18-00-00	61,426.69 F	21-06-00	73,914.26 F	25-00-00	86,406.40 F
14-07-00	49,236.44 F	18-01-00	61,724.01 F	21-07-00	74,211.59 F	25-01-00	86,703.85 F
14-08-00	49,533.76 F	18-02-00	62,021.34 F	21-08-00	74,508.91 F	25-02-00	87,001.31 F
14-09-00	49,831.09 F	18-03-00	62,318.66 F	21-09-00	74,806.23 F	25-03-00	87,298.77 F
14-10-00	50,128.41 F	18-04-00	62,615.98 F	21-10-00	75,103.56 F	25-04-00	87,596.22 F
14-11-00	50,425.73 F	18-05-00	62,913.31 F	21-11-00	75,400.88 F	25-05-00	87,893.68 F
15-00-00	50,723.05 F	18-06-00	63,210.63 F	22-00-00	75,698.20 F	25-06-00	88,191.14 F
15-01-00	51,020.38 F	18-07-00	63,507.95 F	22-01-00	75,995.53 F	25-07-00	88,488.60 F
15-02-00	51,317.70 F	18-08-00	63,805.28 F	22-02-00	76,292.87 F	25-08-00	88,786.05 F
15-03-00	51,615.02 F	18-09-00	64,102.60 F	22-03-00	76,590.32 F	25-09-00	89,083.51 F
15-04-00	51,912.35 F	18-10-00	64,399.92 F	22-04-00	76,887.78 F	25-10-00	89,380.97 F
15-05-00	52,209.67 F	18-11-00	64,697.25 F	22-05-00	77,185.24 F	25-11-00	89,678.42 F
15-06-00	52,506.99 F	19-00-00	64,994.57 F	22-06-00	77,482.69 F	26-00-00	89,975.88 F
15-07-00	52,804.32 F	19-01-00	65,291.89 F	22-07-00	77,780.15 F	26-01-00	90,273.34 F
15-08-00	53,101.64 F	19-02-00	65,589.21 F	22-08-00	78,077.61 F	26-02-00	90,570.79 F
15-09-00	53,398.96 F	19-03-00	65,886.54 F	22-09-00	78,375.06 F	26-03-00	90,868.25 F
15-10-00	53,696.29 F	19-04-00	66,183.86 F	22-10-00	78,672.52 F	26-04-00	91,165.71 F
15-11-00	53,993.61 F	19-05-00	66,481.18 F	22-11-00	78,969.98 F	26-05-00	91,463.16 F
16-00-00	54,290.93 F	19-06-00	66,778.51 F	23-00-00	79,267.43 F	26-06-00	91,760.62 F
16-01-00	54,588.26 F	19-07-00	67,075.83 F	23-01-00	79,564.89 F	26-07-00	92,058.08 F
16-02-00	54,885.58 F	19-08-00	67,373.15 F	23-02-00	79,862.35 F	26-08-00	92,355.53 F
16-03-00	55,182.90 F	19-09-00	67,670.48 F	23-03-00	80,159.80 F	26-09-00	92,652.99 F
16-04-00	55,480.23 F	19-10-00	67,967.80 F	23-04-00	80,457.26 F	26-10-00	92,950.45 F
16-05-00	55,777.55 F	19-11-00	68,265.12 F	23-05-00	80,754.72 F	26-11-00	93,247.90 F
16-06-00	56,074.87 F	20-00-00	68,562.45 F	23-06-00	81,052.18 F	27-00-00	93,545.36 F
16-07-00	56,372.20 F	20-01-00	68,859.77 F	23-07-00	81,349.63 F	27-01-00	93,842.82 F
16-08-00	56,669.52 F	20-02-00	69,157.09 F	23-08-00	81,647.09 F	27-02-00	94,140.27 F
16-09-00	56,966.84 F	20-03-00	69,454.42 F	23-09-00	81,944.55 F	27-03-00	94,437.73 F
16-10-00	57,264.17 F	20-04-00	69,751.74 F	23-10-00	82,242.00 F	27-04-00	94,735.19 F
16-11-00	57,561.49 F	20-05-00	70,049.06 F	23-11-00	82,539.46 F	27-05-00	95,032.64 F
17-00-00	57,858.81 F	20-06-00	70,346.39 F	24-00-00	82,836.92 F	27-06-00	95,330.10 F
17-01-00	58,156.13 F	20-07-00	70,643.71 F	24-01-00	83,134.37 F	27-07-00	95,627.56 F
17-02-00	58,453.46 F	20-08-00	70,941.03 F	24-02-00	83,431.83 F	27-08-00	95,925.02 F
17-03-00	58,750.78 F	20-09-00	71,238.36 F	24-03-00	83,729.29 F	27-09-00	96,222.47 F
17-04-00	59,048.10 F	20-10-00	71,535.68 F	24-04-00	84,026.74 F	27-10-00	96,519.93 F
17-05-00	59,345.43 F	20-11-00	71,833.00 F	24-05-00	84,324.20 F	27-11-00	96,817.39 F

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BOLD DENOTES ROOF CRITICAL ZONE

Tank ID **160-006** Tank Type **F** Roof Weight **238,000** API **47.50** Gravity Correction **4.82**
 Strapped By: HMT 10/5/2018 Floating Height **3-09-00**

<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	97,114.84 F	31-06-00	109,610.07 F	35-00-00	122,109.34 F	38-06-00	134,608.61 F
28-01-00	97,412.30 F	31-07-00	109,907.68 F	35-01-00	122,406.94 F	38-07-00	134,906.24 F
28-02-00	97,709.76 F	31-08-00	110,205.28 F	35-02-00	122,704.54 F	38-08-00	135,204.07 F
28-03-00	98,007.21 F	31-09-00	110,502.88 F	35-03-00	123,002.15 F	38-09-00	135,501.91 F
28-04-00	98,304.67 F	31-10-00	110,800.48 F	35-04-00	123,299.75 F	38-10-00	135,799.74 F
28-05-00	98,602.13 F	31-11-00	111,098.08 F	35-05-00	123,597.35 F	38-11-00	136,097.58 F
28-06-00	98,899.58 F	32-00-00	111,395.68 F	35-06-00	123,894.95 F	39-00-00	136,395.41 F
28-07-00	99,197.04 F	32-01-00	111,693.28 F	35-07-00	124,192.55 F	39-01-00	136,693.24 F
28-08-00	99,494.50 F	32-02-00	111,990.89 F	35-08-00	124,490.15 F	39-02-00	136,991.08 F
28-09-00	99,791.95 F	32-03-00	112,288.49 F	35-09-00	124,787.76 F	39-03-00	137,288.91 F
28-10-00	100,089.41 F	32-04-00	112,586.09 F	35-10-00	125,085.36 F	39-04-00	137,586.75 F
28-11-00	100,386.87 F	32-05-00	112,883.69 F	35-11-00	125,382.96 F	39-05-00	137,884.58 F
29-00-00	100,684.32 F	32-06-00	113,181.29 F	36-00-00	125,680.56 F	39-06-00	138,182.42 F
29-01-00	100,981.78 F	32-07-00	113,478.89 F	36-01-00	125,978.16 F	39-07-00	138,480.25 F
29-02-00	101,279.24 F	32-08-00	113,776.50 F	36-02-00	126,275.76 F	39-08-00	138,778.09 F
29-03-00	101,576.69 F	32-09-00	114,074.10 F	36-03-00	126,573.36 F	39-09-00	139,075.92 F
29-04-00	101,874.15 F	32-10-00	114,371.70 F	36-04-00	126,870.97 F	39-10-00	139,373.75 F
29-05-00	102,171.61 F	32-11-00	114,669.30 F	36-05-00	127,168.57 F	39-11-00	139,671.59 F
29-06-00	102,469.06 F	33-00-00	114,966.90 F	36-06-00	127,466.17 F	40-00-00	139,969.42 F
29-07-00	102,766.52 F	33-01-00	115,264.50 F	36-07-00	127,763.77 F	40-01-00	140,267.26 F
29-08-00	103,063.98 F	33-02-00	115,562.11 F	36-08-00	128,061.37 F	40-02-00	140,565.09 F
29-09-00	103,361.44 F	33-03-00	115,859.71 F	36-09-00	128,358.97 F	40-03-00	140,862.93 F
29-10-00	103,658.89 F	33-04-00	116,157.31 F	36-10-00	128,656.58 F	40-04-00	141,160.76 F
29-11-00	103,956.35 F	33-05-00	116,454.91 F	36-11-00	128,954.18 F	40-05-00	141,458.60 F
30-00-00	104,253.81 F	33-06-00	116,752.51 F	37-00-00	129,251.78 F	40-06-00	141,756.43 F
30-01-00	104,551.26 F	33-07-00	117,050.11 F	37-01-00	129,549.38 F	40-07-00	142,054.26 F
30-02-00	104,848.72 F	33-08-00	117,347.72 F	37-02-00	129,846.98 F	40-08-00	142,352.10 F
30-03-00	105,146.18 F	33-09-00	117,645.32 F	37-03-00	130,144.58 F	40-09-00	142,649.93 F
30-04-00	105,443.65 F	33-10-00	117,942.92 F	37-04-00	130,442.19 F	40-10-00	142,947.77 F
30-05-00	105,741.25 F	33-11-00	118,240.52 F	37-05-00	130,739.79 F	40-11-00	143,245.60 F
30-06-00	106,038.85 F	34-00-00	118,538.12 F	37-06-00	131,037.39 F	41-00-00	143,543.44 F
30-07-00	106,336.46 F	34-01-00	118,835.72 F	37-07-00	131,334.99 F	41-01-00	143,841.27 F
30-08-00	106,634.06 F	34-02-00	119,133.32 F	37-08-00	131,632.59 F	41-02-00	144,139.10 F
30-09-00	106,931.66 F	34-03-00	119,430.93 F	37-09-00	131,930.19 F	41-03-00	144,436.94 F
30-10-00	107,229.26 F	34-04-00	119,728.53 F	37-10-00	132,227.80 F	41-04-00	144,734.77 F
30-11-00	107,526.86 F	34-05-00	120,026.13 F	37-11-00	132,525.40 F	41-05-00	145,032.61 F
31-00-00	107,824.46 F	34-06-00	120,323.73 F	38-00-00	132,823.00 F	41-06-00	145,330.44 F
31-01-00	108,122.07 F	34-07-00	120,621.33 F	38-01-00	133,120.60 F	41-07-00	145,628.28 F
31-02-00	108,419.67 F	34-08-00	120,918.93 F	38-02-00	133,418.20 F	41-08-00	145,926.11 F
31-03-00	108,717.27 F	34-09-00	121,216.54 F	38-03-00	133,715.80 F	41-09-00	146,223.95 F
31-04-00	109,014.87 F	34-10-00	121,514.14 F	38-04-00	134,013.40 F	41-10-00	146,521.78 F
31-05-00	109,312.47 F	34-11-00	121,811.74 F	38-05-00	134,311.01 F	41-11-00	146,819.61 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 **160-006** Tank Type **F** Roof Weight **238,000** API **47.50** Gravity Correction **4.82**
 Strapped By: HMT 10/5/2018 Floating Height **3-09-00**

<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	147,117.45 F	45-06-00	159,626.49 F				
42-01-00	147,415.28 F	45-07-00	159,924.33 F				
42-02-00	147,713.12 F	45-08-00	160,222.16 F				
42-03-00	148,010.95 F	45-09-00	160,520.00 F				
42-04-00	148,308.79 F	45-10-00	160,817.83 F				
42-05-00	148,606.62 F	45-11-00	161,115.67 F				
42-06-00	148,904.46 F	46-00-00	161,413.50 F				
42-07-00	149,202.29 F	46-01-00	161,711.33 F				
42-08-00	149,500.12 F	46-02-00	162,009.17 F				
42-09-00	149,797.96 F	46-03-00	162,307.00 F				
42-10-00	150,095.79 F	46-04-00	162,604.84 F				
42-11-00	150,393.63 F	46-05-00	162,902.67 F				
43-00-00	150,691.46 F	46-06-00	163,200.51 F				
43-01-00	150,989.30 F	46-07-00	163,498.34 F				
43-02-00	151,287.13 F	46-08-00	163,796.18 F				
43-03-00	151,584.96 F	46-09-00	164,094.01 F				
43-04-00	151,882.80 F	46-10-00	164,391.84 F				
43-05-00	152,180.63 F	46-11-00	164,689.68 F				
43-06-00	152,478.47 F	47-00-00	164,987.51 F				
43-07-00	152,776.30 F	47-01-00	165,285.35 F				
43-08-00	153,074.14 F						
43-09-00	153,371.97 F						
43-10-00	153,669.81 F						
43-11-00	153,967.64 F						
44-00-00	154,265.47 F						
44-01-00	154,563.31 F						
44-02-00	154,861.14 F						
44-03-00	155,158.98 F						
44-04-00	155,456.81 F						
44-05-00	155,754.65 F						
44-06-00	156,052.48 F						
44-07-00	156,350.32 F						
44-08-00	156,648.15 F						
44-09-00	156,945.98 F						
44-10-00	157,243.82 F						
44-11-00	157,541.65 F						
45-00-00	157,839.49 F						
45-01-00	158,137.32 F						
45-02-00	158,435.16 F						
45-03-00	158,732.99 F						
45-04-00	159,030.82 F						
45-05-00	159,328.66 F						

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

BOLD DENOTES ROOF CRITICAL ZONE