



Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

| 3 FEET | | 4 FEET | | 5 FEET | | 6 FEET | | 7 FEET | | 8 FEET | | 9 FEET | | 10 FEET | |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|--------|--------|---------|--------|
| 0 | | 0 | 138,483 | 0 | 129,010 | 0 | 119,537 | 0 | 110,064 | 0 | 99,416 | 0 | 88,601 | 0 | 77,785 |
| 1/4 | | 1/4 | 138,286 | 1/4 | 128,813 | 1/4 | 119,340 | 1/4 | 109,867 | 1/4 | 99,191 | 1/4 | 88,375 | 1/4 | 77,560 |
| 1/2 | | 1/2 | 138,088 | 1/2 | 128,615 | 1/2 | 119,142 | 1/2 | 109,669 | 1/2 | 98,966 | 1/2 | 88,150 | 1/2 | 77,335 |
| 3/4 | | 3/4 | 137,891 | 3/4 | 128,418 | 3/4 | 118,945 | 3/4 | 109,472 | 3/4 | 98,740 | 3/4 | 87,925 | 3/4 | 77,109 |
| 1 | 143,417 | 1 | 137,694 | 1 | 128,221 | 1 | 118,748 | 1 | 109,275 | 1 | 98,515 | 1 | 87,699 | 1 | 76,884 |
| 1/4 | 143,412 | 1/4 | 137,496 | 1/4 | 128,023 | 1/4 | 118,550 | 1/4 | 109,077 | 1/4 | 98,290 | 1/4 | 87,474 | 1/4 | 76,659 |
| 1/2 | 143,407 | 1/2 | 137,299 | 1/2 | 127,826 | 1/2 | 118,353 | 1/2 | 108,880 | 1/2 | 98,064 | 1/2 | 87,249 | 1/2 | 76,433 |
| 3/4 | 143,386 | 3/4 | 137,102 | 3/4 | 127,629 | 3/4 | 118,156 | 3/4 | 108,655 | 3/4 | 97,839 | 3/4 | 87,023 | 3/4 | 76,208 |
| 2 | 143,365 | 2 | 136,904 | 2 | 127,431 | 2 | 117,958 | 2 | 108,429 | 2 | 97,614 | 2 | 86,798 | 2 | 75,983 |
| 1/4 | 143,344 | 1/4 | 136,707 | 1/4 | 127,234 | 1/4 | 117,761 | 1/4 | 108,204 | 1/4 | 97,388 | 1/4 | 86,573 | 1/4 | 75,757 |
| 1/2 | 143,323 | 1/2 | 136,510 | 1/2 | 127,037 | 1/2 | 117,564 | 1/2 | 107,979 | 1/2 | 97,163 | 1/2 | 86,347 | 1/2 | 75,532 |
| 3/4 | 143,282 | 3/4 | 136,312 | 3/4 | 126,839 | 3/4 | 117,366 | 3/4 | 107,753 | 3/4 | 96,938 | 3/4 | 86,122 | 3/4 | 75,307 |
| 3 | 143,240 | 3 | 136,115 | 3 | 126,642 | 3 | 117,169 | 3 | 107,528 | 3 | 96,712 | 3 | 85,897 | 3 | 75,081 |
| 1/4 | 143,199 | 1/4 | 135,917 | 1/4 | 126,444 | 1/4 | 116,971 | 1/4 | 107,303 | 1/4 | 96,487 | 1/4 | 85,672 | 1/4 | 74,856 |
| 1/2 | 143,157 | 1/2 | 135,720 | 1/2 | 126,247 | 1/2 | 116,774 | 1/2 | 107,077 | 1/2 | 96,262 | 1/2 | 85,446 | 1/2 | 74,631 |
| 3/4 | 143,095 | 3/4 | 135,523 | 3/4 | 126,050 | 3/4 | 116,577 | 3/4 | 106,852 | 3/4 | 96,036 | 3/4 | 85,221 | 3/4 | 74,405 |
| 4 | 143,033 | 4 | 135,325 | 4 | 125,852 | 4 | 116,379 | 4 | 106,627 | 4 | 95,811 | 4 | 84,996 | 4 | 74,180 |
| 1/4 | 142,970 | 1/4 | 135,128 | 1/4 | 125,655 | 1/4 | 116,182 | 1/4 | 106,401 | 1/4 | 95,586 | 1/4 | 84,770 | 1/4 | 73,955 |
| 1/2 | 142,908 | 1/2 | 134,931 | 1/2 | 125,458 | 1/2 | 115,985 | 1/2 | 106,176 | 1/2 | 95,360 | 1/2 | 84,545 | 1/2 | 73,729 |
| 3/4 | 142,825 | 3/4 | 134,733 | 3/4 | 125,260 | 3/4 | 115,787 | 3/4 | 105,951 | 3/4 | 95,135 | 3/4 | 84,320 | 3/4 | 73,504 |
| 5 | 142,742 | 5 | 134,536 | 5 | 125,063 | 5 | 115,590 | 5 | 105,725 | 5 | 94,910 | 5 | 84,094 | 5 | 73,279 |
| 1/4 | 142,659 | 1/4 | 134,339 | 1/4 | 124,866 | 1/4 | 115,393 | 1/4 | 105,500 | 1/4 | 94,684 | 1/4 | 83,869 | 1/4 | 73,053 |
| 1/2 | 142,576 | 1/2 | 134,141 | 1/2 | 124,668 | 1/2 | 115,195 | 1/2 | 105,275 | 1/2 | 94,459 | 1/2 | 83,644 | 1/2 | 72,828 |
| 3/4 | 142,472 | 3/4 | 133,944 | 3/4 | 124,471 | 3/4 | 114,998 | 3/4 | 105,049 | 3/4 | 94,234 | 3/4 | 83,418 | 3/4 | 72,603 |
| 6 | 142,368 | 6 | 133,747 | 6 | 124,274 | 6 | 114,801 | 6 | 104,824 | 6 | 94,008 | 6 | 83,193 | 6 | 72,377 |
| 1/4 | 142,264 | 1/4 | 133,549 | 1/4 | 124,076 | 1/4 | 114,603 | 1/4 | 104,599 | 1/4 | 93,783 | 1/4 | 82,968 | 1/4 | 72,152 |
| 1/2 | 142,160 | 1/2 | 133,352 | 1/2 | 123,879 | 1/2 | 114,406 | 1/2 | 104,373 | 1/2 | 93,558 | 1/2 | 82,742 | 1/2 | 71,927 |
| 3/4 | 142,035 | 3/4 | 133,155 | 3/4 | 123,682 | 3/4 | 114,208 | 3/4 | 104,148 | 3/4 | 93,333 | 3/4 | 82,517 | 3/4 | 71,701 |
| 7 | 141,911 | 7 | 132,957 | 7 | 123,484 | 7 | 114,011 | 7 | 103,923 | 7 | 93,107 | 7 | 82,292 | 7 | 71,476 |
| 1/4 | 141,786 | 1/4 | 132,760 | 1/4 | 123,287 | 1/4 | 113,814 | 1/4 | 103,697 | 1/4 | 92,882 | 1/4 | 82,066 | 1/4 | 71,251 |
| 1/2 | 141,662 | 1/2 | 132,562 | 1/2 | 123,089 | 1/2 | 113,616 | 1/2 | 103,472 | 1/2 | 92,657 | 1/2 | 81,841 | 1/2 | 71,026 |
| 3/4 | 141,516 | 3/4 | 132,365 | 3/4 | 122,892 | 3/4 | 113,419 | 3/4 | 103,247 | 3/4 | 92,431 | 3/4 | 81,616 | 3/4 | 70,800 |
| 8 | 141,371 | 8 | 132,168 | 8 | 122,695 | 8 | 113,222 | 8 | 103,021 | 8 | 92,206 | 8 | 81,390 | 8 | 70,575 |
| 1/4 | 141,225 | 1/4 | 131,970 | 1/4 | 122,497 | 1/4 | 113,024 | 1/4 | 102,796 | 1/4 | 91,981 | 1/4 | 81,165 | 1/4 | 70,350 |
| 1/2 | 141,080 | 1/2 | 131,773 | 1/2 | 122,300 | 1/2 | 112,827 | 1/2 | 102,571 | 1/2 | 91,755 | 1/2 | 80,940 | 1/2 | 70,124 |
| 3/4 | 140,914 | 3/4 | 131,576 | 3/4 | 122,103 | 3/4 | 112,630 | 3/4 | 102,345 | 3/4 | 91,530 | 3/4 | 80,714 | 3/4 | 69,899 |
| 9 | 140,747 | 9 | 131,378 | 9 | 121,905 | 9 | 112,432 | 9 | 102,120 | 9 | 91,305 | 9 | 80,489 | 9 | 69,674 |
| 1/4 | 140,581 | 1/4 | 131,181 | 1/4 | 121,708 | 1/4 | 112,235 | 1/4 | 101,895 | 1/4 | 91,079 | 1/4 | 80,264 | 1/4 | 69,448 |
| 1/2 | 140,415 | 1/2 | 130,984 | 1/2 | 121,511 | 1/2 | 112,038 | 1/2 | 101,669 | 1/2 | 90,854 | 1/2 | 80,038 | 1/2 | 69,223 |
| 3/4 | 140,228 | 3/4 | 130,786 | 3/4 | 121,313 | 3/4 | 111,840 | 3/4 | 101,444 | 3/4 | 90,629 | 3/4 | 79,813 | 3/4 | 68,998 |
| 10 | 140,041 | 10 | 130,589 | 10 | 121,116 | 10 | 111,643 | 10 | 101,219 | 10 | 90,403 | 10 | 79,588 | 10 | 68,772 |
| 1/4 | 139,854 | 1/4 | 130,392 | 1/4 | 120,919 | 1/4 | 111,446 | 1/4 | 100,993 | 1/4 | 90,178 | 1/4 | 79,362 | 1/4 | 68,547 |
| 1/2 | 139,667 | 1/2 | 130,194 | 1/2 | 120,721 | 1/2 | 111,248 | 1/2 | 100,768 | 1/2 | 89,953 | 1/2 | 79,137 | 1/2 | 68,322 |
| 3/4 | 139,470 | 3/4 | 129,997 | 3/4 | 120,524 | 3/4 | 111,051 | 3/4 | 100,543 | 3/4 | 89,727 | 3/4 | 78,912 | 3/4 | 68,096 |
| 11 | 139,273 | 11 | 129,800 | 11 | 120,326 | 11 | 110,853 | 11 | 100,318 | 11 | 89,502 | 11 | 78,686 | 11 | 67,871 |
| 1/4 | 139,075 | 1/4 | 129,602 | 1/4 | 120,129 | 1/4 | 110,656 | 1/4 | 100,092 | 1/4 | 89,277 | 1/4 | 78,461 | 1/4 | 67,646 |
| 1/2 | 138,878 | 1/2 | 129,405 | 1/2 | 119,932 | 1/2 | 110,459 | 1/2 | 99,867 | 1/2 | 89,051 | 1/2 | 78,236 | 1/2 | 67,420 |
| 3/4 | 138,680 | 3/4 | 129,207 | 3/4 | 119,734 | 3/4 | 110,261 | 3/4 | 99,642 | 3/4 | 88,826 | 3/4 | 78,011 | 3/4 | 67,195 |

** Volume below Strike Point.

Total Gauge Height - 17' 1 7/8" to 0' 00" of Hermetic Gauging Unit.
Gauge Point located near Center of Tank.

ULLAGE TABLE



Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 2 of 2

| 11 FEET | | 12 FEET | | 13 FEET | | 14 FEET | | 15 FEET | | 16 FEET | | 17 FEET | | 18 FEET | |
|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--|
| 0 | 66,970 | 0 | 56,154 | 0 | 45,339 | 0 | 34,524 | 0 | 23,727 | 0 | 12,930 | 0 | 2,122 | 0 | |
| 1/4 | 66,744 | 1/4 | 55,929 | 1/4 | 45,114 | 1/4 | 34,299 | 1/4 | 23,503 | 1/4 | 12,705 | 1/4 | 1,898 | 1/4 | |
| 1/2 | 66,519 | 1/2 | 55,704 | 1/2 | 44,888 | 1/2 | 34,073 | 1/2 | 23,278 | 1/2 | 12,479 | 1/2 | 1,675 | 1/2 | |
| 3/4 | 66,294 | 3/4 | 55,478 | 3/4 | 44,663 | 3/4 | 33,848 | 3/4 | 23,054 | 3/4 | 12,254 | 3/4 | 1,452 | 3/4 | |
| 1 | 66,068 | 1 | 55,253 | 1 | 44,438 | 1 | 33,623 | 1 | 22,830 | 1 | 12,029 | 1 | 1,230 | 1 | |
| 1/4 | 65,843 | 1/4 | 55,028 | 1/4 | 44,212 | 1/4 | 33,398 | 1/4 | 22,605 | 1/4 | 11,803 | 1/4 | 1,007 | 1/4 | |
| 1/2 | 65,618 | 1/2 | 54,802 | 1/2 | 43,987 | 1/2 | 33,172 | 1/2 | 22,381 | 1/2 | 11,578 | 1/2 | 785 | 1/2 | |
| 3/4 | 65,392 | 3/4 | 54,577 | 3/4 | 43,762 | 3/4 | 32,947 | 3/4 | 22,157 | 3/4 | 11,353 | 3/4 | 574 | 3/4 | |
| 2 | 65,167 | 2 | 54,352 | 2 | 43,536 | 2 | 32,722 | 2 | 21,932 | 2 | 11,127 | 7/8 | ** 469 | 2 | |
| 1/4 | 64,942 | 1/4 | 54,126 | 1/4 | 43,311 | 1/4 | 32,496 | 1/4 | 21,708 | 1/4 | 10,902 | 1/4 | | 1/4 | |
| 1/2 | 64,716 | 1/2 | 53,901 | 1/2 | 43,086 | 1/2 | 32,271 | 1/2 | 21,483 | 1/2 | 10,677 | 1/2 | | 1/2 | |
| 3/4 | 64,491 | 3/4 | 53,676 | 3/4 | 42,861 | 3/4 | 32,046 | 3/4 | 21,259 | 3/4 | 10,451 | 3/4 | | 3/4 | |
| 3 | 64,266 | 3 | 53,450 | 3 | 42,635 | 3 | 31,820 | 3 | 21,035 | 3 | 10,226 | 3 | | 3 | |
| 1/4 | 64,040 | 1/4 | 53,225 | 1/4 | 42,410 | 1/4 | 31,595 | 1/4 | 20,810 | 1/4 | 10,001 | 1/4 | | 1/4 | |
| 1/2 | 63,815 | 1/2 | 53,000 | 1/2 | 42,185 | 1/2 | 31,370 | 1/2 | 20,586 | 1/2 | 9,775 | 1/2 | | 1/2 | |
| 3/4 | 63,590 | 3/4 | 52,774 | 3/4 | 41,959 | 3/4 | 31,144 | 3/4 | 20,362 | 3/4 | 9,550 | 3/4 | | 3/4 | |
| 4 | 63,365 | 4 | 52,549 | 4 | 41,734 | 4 | 30,919 | 4 | 20,137 | 4 | 9,325 | 4 | | 4 | |
| 1/4 | 63,139 | 1/4 | 52,324 | 1/4 | 41,509 | 1/4 | 30,694 | 1/4 | 19,913 | 1/4 | 9,099 | 1/4 | | 1/4 | |
| 1/2 | 62,914 | 1/2 | 52,098 | 1/2 | 41,283 | 1/2 | 30,469 | 1/2 | 19,688 | 1/2 | 8,874 | 1/2 | | 1/2 | |
| 3/4 | 62,689 | 3/4 | 51,873 | 3/4 | 41,058 | 3/4 | 30,243 | 3/4 | 19,463 | 3/4 | 8,649 | 3/4 | | 3/4 | |
| 5 | 62,463 | 5 | 51,648 | 5 | 40,833 | 5 | 30,018 | 5 | 19,239 | 5 | 8,423 | 5 | | 5 | |
| 1/4 | 62,238 | 1/4 | 51,422 | 1/4 | 40,607 | 1/4 | 29,793 | 1/4 | 19,014 | 1/4 | 8,198 | 1/4 | | 1/4 | |
| 1/2 | 62,013 | 1/2 | 51,197 | 1/2 | 40,382 | 1/2 | 29,567 | 1/2 | 18,788 | 1/2 | 7,973 | 1/2 | | 1/2 | |
| 3/4 | 61,787 | 3/4 | 50,972 | 3/4 | 40,157 | 3/4 | 29,342 | 3/4 | 18,563 | 3/4 | 7,748 | 3/4 | | 3/4 | |
| 6 | 61,562 | 6 | 50,746 | 6 | 39,932 | 6 | 29,117 | 6 | 18,338 | 6 | 7,522 | 6 | | 6 | |
| 1/4 | 61,337 | 1/4 | 50,521 | 1/4 | 39,706 | 1/4 | 28,891 | 1/4 | 18,112 | 1/4 | 7,297 | 1/4 | | 1/4 | |
| 1/2 | 61,111 | 1/2 | 50,296 | 1/2 | 39,481 | 1/2 | 28,666 | 1/2 | 17,887 | 1/2 | 7,072 | 1/2 | | 1/2 | |
| 3/4 | 60,886 | 3/4 | 50,070 | 3/4 | 39,256 | 3/4 | 28,441 | 3/4 | 17,662 | 3/4 | 6,846 | 3/4 | | 3/4 | |
| 7 | 60,661 | 7 | 49,845 | 7 | 39,030 | 7 | 28,215 | 7 | 17,436 | 7 | 6,621 | 7 | | 7 | |
| 1/4 | 60,435 | 1/4 | 49,620 | 1/4 | 38,805 | 1/4 | 27,991 | 1/4 | 17,211 | 1/4 | 6,396 | 1/4 | | 1/4 | |
| 1/2 | 60,210 | 1/2 | 49,395 | 1/2 | 38,580 | 1/2 | 27,766 | 1/2 | 16,986 | 1/2 | 6,170 | 1/2 | | 1/2 | |
| 3/4 | 59,985 | 3/4 | 49,169 | 3/4 | 38,354 | 3/4 | 27,542 | 3/4 | 16,760 | 3/4 | 5,945 | 3/4 | | 3/4 | |
| 8 | 59,759 | 8 | 48,944 | 8 | 38,129 | 8 | 27,317 | 8 | 16,535 | 8 | 5,720 | 8 | | 8 | |
| 1/4 | 59,534 | 1/4 | 48,719 | 1/4 | 37,904 | 1/4 | 27,093 | 1/4 | 16,310 | 1/4 | 5,494 | 1/4 | | 1/4 | |
| 1/2 | 59,309 | 1/2 | 48,493 | 1/2 | 37,678 | 1/2 | 26,868 | 1/2 | 16,084 | 1/2 | 5,269 | 1/2 | | 1/2 | |
| 3/4 | 59,083 | 3/4 | 48,268 | 3/4 | 37,453 | 3/4 | 26,644 | 3/4 | 15,859 | 3/4 | 5,044 | 3/4 | | 3/4 | |
| 9 | 58,858 | 9 | 48,043 | 9 | 37,228 | 9 | 26,420 | 9 | 15,634 | 9 | 4,818 | 9 | | 9 | |
| 1/4 | 58,633 | 1/4 | 47,817 | 1/4 | 37,003 | 1/4 | 26,195 | 1/4 | 15,408 | 1/4 | 4,593 | 1/4 | | 1/4 | |
| 1/2 | 58,407 | 1/2 | 47,592 | 1/2 | 36,777 | 1/2 | 25,971 | 1/2 | 15,183 | 1/2 | 4,368 | 1/2 | | 1/2 | |
| 3/4 | 58,182 | 3/4 | 47,367 | 3/4 | 36,552 | 3/4 | 25,747 | 3/4 | 14,958 | 3/4 | 4,143 | 3/4 | | 3/4 | |
| 10 | 57,957 | 10 | 47,141 | 10 | 36,327 | 10 | 25,522 | 10 | 14,732 | 10 | 3,918 | 10 | | 10 | |
| 1/4 | 57,731 | 1/4 | 46,916 | 1/4 | 36,101 | 1/4 | 25,298 | 1/4 | 14,507 | 1/4 | 3,693 | 1/4 | | 1/4 | |
| 1/2 | 57,506 | 1/2 | 46,691 | 1/2 | 35,876 | 1/2 | 25,073 | 1/2 | 14,282 | 1/2 | 3,468 | 1/2 | | 1/2 | |
| 3/4 | 57,281 | 3/4 | 46,465 | 3/4 | 35,651 | 3/4 | 24,849 | 3/4 | 14,056 | 3/4 | 3,243 | 3/4 | | 3/4 | |
| 11 | 57,055 | 11 | 46,240 | 11 | 35,425 | 11 | 24,625 | 11 | 13,831 | 11 | 3,019 | 11 | | 11 | |
| 1/4 | 56,830 | 1/4 | 46,015 | 1/4 | 35,200 | 1/4 | 24,400 | 1/4 | 13,606 | 1/4 | 2,794 | 1/4 | | 1/4 | |
| 1/2 | 56,605 | 1/2 | 45,790 | 1/2 | 34,975 | 1/2 | 24,176 | 1/2 | 13,381 | 1/2 | 2,570 | 1/2 | | 1/2 | |
| 3/4 | 56,380 | 3/4 | 45,564 | 3/4 | 34,749 | 3/4 | 23,952 | 3/4 | 13,155 | 3/4 | 2,346 | 3/4 | | 3/4 | |

** Volume below Strike Point.

Total Gauge Height - 17' 1 7/8" to 0' 00" of Hermetic Gauging Unit.
Gauge Point located near Center of Tank.

Reissued : April 1994
Strapped : 13 May 1981
Computed : H.M. *ADP*

Calculated per API 2553/66

ULLAGE TABLE



Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 1 of 2

| 3 FEET | | 4 FEET | | 5 FEET | | 6 FEET | | 7 FEET | | 8 FEET | | 9 FEET | | 10 FEET | |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|--------|--------|---------|--------|
| 0 | | 0 | 143,120 | 0 | 132,239 | 0 | 121,359 | 0 | 110,478 | 0 | 99,597 | 0 | 88,717 | 0 | 77,836 |
| 1/4 | | 1/4 | 142,893 | 1/4 | 132,013 | 1/4 | 121,132 | 1/4 | 110,251 | 1/4 | 99,371 | 1/4 | 88,490 | 1/4 | 77,609 |
| 1/2 | 149,467 | 1/2 | 142,667 | 1/2 | 131,786 | 1/2 | 120,905 | 1/2 | 110,025 | 1/2 | 99,144 | 1/2 | 88,263 | 1/2 | 77,383 |
| 3/4 | 149,454 | 3/4 | 142,440 | 3/4 | 131,559 | 3/4 | 120,679 | 3/4 | 109,798 | 3/4 | 98,917 | 3/4 | 88,037 | 3/4 | 77,156 |
| 1 | 149,442 | 1 | 142,213 | 1 | 131,333 | 1 | 120,452 | 1 | 109,571 | 1 | 98,691 | 1 | 87,810 | 1 | 76,929 |
| 1/4 | 149,429 | 1/4 | 141,987 | 1/4 | 131,106 | 1/4 | 120,225 | 1/4 | 109,345 | 1/4 | 98,464 | 1/4 | 87,583 | 1/4 | 76,702 |
| 1/2 | 149,417 | 1/2 | 141,760 | 1/2 | 130,879 | 1/2 | 119,999 | 1/2 | 109,118 | 1/2 | 98,237 | 1/2 | 87,356 | 1/2 | 76,476 |
| 3/4 | 149,379 | 3/4 | 141,533 | 3/4 | 130,653 | 3/4 | 119,772 | 3/4 | 108,891 | 3/4 | 98,010 | 3/4 | 87,130 | 3/4 | 76,249 |
| 2 | 149,341 | 2 | 141,307 | 2 | 130,426 | 2 | 119,545 | 2 | 108,665 | 2 | 97,784 | 2 | 86,903 | 2 | 76,022 |
| 1/4 | 149,303 | 1/4 | 141,080 | 1/4 | 130,199 | 1/4 | 119,319 | 1/4 | 108,438 | 1/4 | 97,557 | 1/4 | 86,676 | 1/4 | 75,796 |
| 1/2 | 149,266 | 1/2 | 140,853 | 1/2 | 129,973 | 1/2 | 119,092 | 1/2 | 108,211 | 1/2 | 97,330 | 1/2 | 86,450 | 1/2 | 75,569 |
| 3/4 | 149,203 | 3/4 | 140,627 | 3/4 | 129,746 | 3/4 | 118,865 | 3/4 | 107,984 | 3/4 | 97,104 | 3/4 | 86,223 | 3/4 | 75,342 |
| 3 | 149,140 | 3 | 140,400 | 3 | 129,519 | 3 | 118,638 | 3 | 107,758 | 3 | 96,877 | 3 | 85,996 | 3 | 75,116 |
| 1/4 | 149,077 | 1/4 | 140,173 | 1/4 | 129,292 | 1/4 | 118,412 | 1/4 | 107,531 | 1/4 | 96,650 | 1/4 | 85,770 | 1/4 | 74,889 |
| 1/2 | 149,014 | 1/2 | 139,946 | 1/2 | 129,066 | 1/2 | 118,185 | 1/2 | 107,304 | 1/2 | 96,424 | 1/2 | 85,543 | 1/2 | 74,662 |
| 3/4 | 148,926 | 3/4 | 139,720 | 3/4 | 128,839 | 3/4 | 117,958 | 3/4 | 107,078 | 3/4 | 96,197 | 3/4 | 85,316 | 3/4 | 74,436 |
| 4 | 148,837 | 4 | 139,493 | 4 | 128,612 | 4 | 117,732 | 4 | 106,851 | 4 | 95,970 | 4 | 85,090 | 4 | 74,209 |
| 1/4 | 148,749 | 1/4 | 139,266 | 1/4 | 128,386 | 1/4 | 117,505 | 1/4 | 106,624 | 1/4 | 95,744 | 1/4 | 84,863 | 1/4 | 73,982 |
| 1/2 | 148,661 | 1/2 | 139,040 | 1/2 | 128,159 | 1/2 | 117,278 | 1/2 | 106,398 | 1/2 | 95,517 | 1/2 | 84,636 | 1/2 | 73,756 |
| 3/4 | 148,548 | 3/4 | 138,813 | 3/4 | 127,932 | 3/4 | 117,052 | 3/4 | 106,171 | 3/4 | 95,290 | 3/4 | 84,410 | 3/4 | 73,529 |
| 5 | 148,434 | 5 | 138,586 | 5 | 127,706 | 5 | 116,825 | 5 | 105,944 | 5 | 95,064 | 5 | 84,183 | 5 | 73,302 |
| 1/4 | 148,321 | 1/4 | 138,360 | 1/4 | 127,479 | 1/4 | 116,598 | 1/4 | 105,718 | 1/4 | 94,837 | 1/4 | 83,956 | 1/4 | 73,076 |
| 1/2 | 148,208 | 1/2 | 138,133 | 1/2 | 127,252 | 1/2 | 116,372 | 1/2 | 105,491 | 1/2 | 94,610 | 1/2 | 83,730 | 1/2 | 72,849 |
| 3/4 | 148,069 | 3/4 | 137,906 | 3/4 | 127,026 | 3/4 | 116,145 | 3/4 | 105,264 | 3/4 | 94,384 | 3/4 | 83,503 | 3/4 | 72,622 |
| 6 | 147,931 | 6 | 137,680 | 6 | 126,799 | 6 | 115,918 | 6 | 105,038 | 6 | 94,157 | 6 | 83,276 | 6 | 72,396 |
| 1/4 | 147,792 | 1/4 | 137,453 | 1/4 | 126,572 | 1/4 | 115,692 | 1/4 | 104,811 | 1/4 | 93,930 | 1/4 | 83,050 | 1/4 | 72,169 |
| 1/2 | 147,654 | 1/2 | 137,226 | 1/2 | 126,346 | 1/2 | 115,465 | 1/2 | 104,584 | 1/2 | 93,704 | 1/2 | 82,823 | 1/2 | 71,942 |
| 3/4 | 147,490 | 3/4 | 137,000 | 3/4 | 126,119 | 3/4 | 115,238 | 3/4 | 104,358 | 3/4 | 93,477 | 3/4 | 82,596 | 3/4 | 71,715 |
| 7 | 147,326 | 7 | 136,773 | 7 | 125,892 | 7 | 115,012 | 7 | 104,131 | 7 | 93,250 | 7 | 82,370 | 7 | 71,489 |
| 1/4 | 147,162 | 1/4 | 136,546 | 1/4 | 125,666 | 1/4 | 114,785 | 1/4 | 103,904 | 1/4 | 93,024 | 1/4 | 82,143 | 1/4 | 71,262 |
| 1/2 | 146,999 | 1/2 | 136,320 | 1/2 | 125,439 | 1/2 | 114,558 | 1/2 | 103,678 | 1/2 | 92,797 | 1/2 | 81,916 | 1/2 | 71,035 |
| 3/4 | 146,810 | 3/4 | 136,093 | 3/4 | 125,212 | 3/4 | 114,332 | 3/4 | 103,451 | 3/4 | 92,570 | 3/4 | 81,689 | 3/4 | 70,809 |
| 8 | 146,621 | 8 | 135,866 | 8 | 124,986 | 8 | 114,105 | 8 | 103,224 | 8 | 92,343 | 8 | 81,463 | 8 | 70,582 |
| 1/4 | 146,432 | 1/4 | 135,640 | 1/4 | 124,759 | 1/4 | 113,878 | 1/4 | 102,997 | 1/4 | 92,117 | 1/4 | 81,236 | 1/4 | 70,355 |
| 1/2 | 146,243 | 1/2 | 135,413 | 1/2 | 124,532 | 1/2 | 113,651 | 1/2 | 102,771 | 1/2 | 91,890 | 1/2 | 81,009 | 1/2 | 70,129 |
| 3/4 | 146,029 | 3/4 | 135,186 | 3/4 | 124,305 | 3/4 | 113,425 | 3/4 | 102,544 | 3/4 | 91,663 | 3/4 | 80,783 | 3/4 | 69,902 |
| 9 | 145,815 | 9 | 134,959 | 9 | 124,079 | 9 | 113,198 | 9 | 102,317 | 9 | 91,437 | 9 | 80,556 | 9 | 69,675 |
| 1/4 | 145,601 | 1/4 | 134,733 | 1/4 | 123,852 | 1/4 | 112,971 | 1/4 | 102,091 | 1/4 | 91,210 | 1/4 | 80,329 | 1/4 | 69,449 |
| 1/2 | 145,387 | 1/2 | 134,506 | 1/2 | 123,625 | 1/2 | 112,745 | 1/2 | 101,864 | 1/2 | 90,983 | 1/2 | 80,103 | 1/2 | 69,222 |
| 3/4 | 145,160 | 3/4 | 134,279 | 3/4 | 123,399 | 3/4 | 112,518 | 3/4 | 101,637 | 3/4 | 90,757 | 3/4 | 79,876 | 3/4 | 68,995 |
| 10 | 144,933 | 10 | 134,053 | 10 | 123,172 | 10 | 112,291 | 10 | 101,411 | 10 | 90,530 | 10 | 79,649 | 10 | 68,769 |
| 1/4 | 144,707 | 1/4 | 133,826 | 1/4 | 122,945 | 1/4 | 112,065 | 1/4 | 101,184 | 1/4 | 90,303 | 1/4 | 79,423 | 1/4 | 68,542 |
| 1/2 | 144,480 | 1/2 | 133,599 | 1/2 | 122,719 | 1/2 | 111,838 | 1/2 | 100,957 | 1/2 | 90,077 | 1/2 | 79,196 | 1/2 | 68,315 |
| 3/4 | 144,253 | 3/4 | 133,373 | 3/4 | 122,492 | 3/4 | 111,611 | 3/4 | 100,731 | 3/4 | 89,850 | 3/4 | 78,969 | 3/4 | 68,089 |
| 11 | 144,027 | 11 | 133,146 | 11 | 122,265 | 11 | 111,385 | 11 | 100,504 | 11 | 89,623 | 11 | 78,743 | 11 | 67,862 |
| 1/4 | 143,800 | 1/4 | 132,919 | 1/4 | 122,039 | 1/4 | 111,158 | 1/4 | 100,277 | 1/4 | 89,397 | 1/4 | 78,516 | 1/4 | 67,635 |
| 1/2 | 143,573 | 1/2 | 132,693 | 1/2 | 121,812 | 1/2 | 110,931 | 1/2 | 100,051 | 1/2 | 89,170 | 1/2 | 78,289 | 1/2 | 67,409 |
| 3/4 | 143,347 | 3/4 | 132,466 | 3/4 | 121,585 | 3/4 | 110,705 | 3/4 | 99,824 | 3/4 | 88,943 | 3/4 | 78,063 | 3/4 | 67,182 |

** Volume below Strike Point.

Total Gauge Height - 17' 1 3/8" to 0' 00" of Hermetic Gauging Unit.
Gauge Point located near Center of Tank.

ULLAGE TABLE



Capacities In Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 2 of 2

| 11 FEET | | 12 FEET | | 13 FEET | | 14 FEET | | 15 FEET | | 16 FEET | | 17 FEET | | 18 FEET | |
|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--|
| 0 | 66,955 | 0 | 56,075 | 0 | 45,194 | 0 | 34,313 | 0 | 23,452 | 0 | 12,567 | 0 | 1,718 | 0 | |
| 1/4 | 66,729 | 1/4 | 55,848 | 1/4 | 44,967 | 1/4 | 34,086 | 1/4 | 23,226 | 1/4 | 12,361 | 1/4 | 1,494 | 1/4 | |
| 1/2 | 66,502 | 1/2 | 55,621 | 1/2 | 44,740 | 1/2 | 33,860 | 1/2 | 23,000 | 1/2 | 12,134 | 1/2 | 1,270 | 1/2 | |
| 3/4 | 66,275 | 3/4 | 55,394 | 3/4 | 44,514 | 3/4 | 33,633 | 3/4 | 22,774 | 3/4 | 11,907 | 3/4 | 1,046 | 3/4 | |
| 1 | 66,048 | 1 | 55,168 | 1 | 44,287 | 1 | 33,406 | 1 | 22,548 | 1 | 11,681 | 1 | 823 | 1 | |
| 1/4 | 65,822 | 1/4 | 54,941 | 1/4 | 44,060 | 1/4 | 33,180 | 1/4 | 22,323 | 1/4 | 11,454 | 1/4 | 601 | 1/4 | |
| 1/2 | 65,595 | 1/2 | 54,714 | 1/2 | 43,834 | 1/2 | 32,953 | 1/2 | 22,097 | 1/2 | 11,227 | 3/8 | ** 491 | 1/2 | |
| 3/4 | 65,368 | 3/4 | 54,488 | 3/4 | 43,607 | 3/4 | 32,726 | 3/4 | 21,871 | 3/4 | 11,001 | 3/4 | | 3/4 | |
| 2 | 65,142 | 2 | 54,261 | 2 | 43,380 | 2 | 32,500 | 2 | 21,645 | 2 | 10,774 | 2 | | 2 | |
| 1/4 | 64,915 | 1/4 | 54,034 | 1/4 | 43,154 | 1/4 | 32,273 | 1/4 | 21,420 | 1/4 | 10,547 | 1/4 | | 1/4 | |
| 1/2 | 64,688 | 1/2 | 53,808 | 1/2 | 42,927 | 1/2 | 32,046 | 1/2 | 21,194 | 1/2 | 10,321 | 1/2 | | 1/2 | |
| 3/4 | 64,462 | 3/4 | 53,581 | 3/4 | 42,700 | 3/4 | 31,820 | 3/4 | 20,968 | 3/4 | 10,094 | 3/4 | | 3/4 | |
| 3 | 64,235 | 3 | 53,354 | 3 | 42,474 | 3 | 31,593 | 3 | 20,742 | 3 | 9,867 | 3 | | 3 | |
| 1/4 | 64,008 | 1/4 | 53,128 | 1/4 | 42,247 | 1/4 | 31,366 | 1/4 | 20,517 | 1/4 | 9,641 | 1/4 | | 1/4 | |
| 1/2 | 63,782 | 1/2 | 52,901 | 1/2 | 42,020 | 1/2 | 31,140 | 1/2 | 20,291 | 1/2 | 9,414 | 1/2 | | 1/2 | |
| 3/4 | 63,555 | 3/4 | 52,674 | 3/4 | 41,794 | 3/4 | 30,913 | 3/4 | 20,065 | 3/4 | 9,187 | 3/4 | | 3/4 | |
| 4 | 63,328 | 4 | 52,448 | 4 | 41,567 | 4 | 30,686 | 4 | 19,839 | 4 | 8,961 | 4 | | 4 | |
| 1/4 | 63,102 | 1/4 | 52,221 | 1/4 | 41,340 | 1/4 | 30,460 | 1/4 | 19,613 | 1/4 | 8,734 | 1/4 | | 1/4 | |
| 1/2 | 62,875 | 1/2 | 51,994 | 1/2 | 41,114 | 1/2 | 30,233 | 1/2 | 19,387 | 1/2 | 8,507 | 1/2 | | 1/2 | |
| 3/4 | 62,648 | 3/4 | 51,768 | 3/4 | 40,887 | 3/4 | 30,006 | 3/4 | 19,161 | 3/4 | 8,281 | 3/4 | | 3/4 | |
| 5 | 62,422 | 5 | 51,541 | 5 | 40,660 | 5 | 29,780 | 5 | 18,934 | 5 | 8,054 | 5 | | 5 | |
| 1/4 | 62,195 | 1/4 | 51,314 | 1/4 | 40,434 | 1/4 | 29,553 | 1/4 | 18,707 | 1/4 | 7,827 | 1/4 | | 1/4 | |
| 1/2 | 61,968 | 1/2 | 51,088 | 1/2 | 40,207 | 1/2 | 29,326 | 1/2 | 18,481 | 1/2 | 7,601 | 1/2 | | 1/2 | |
| 3/4 | 61,742 | 3/4 | 50,861 | 3/4 | 39,980 | 3/4 | 29,099 | 3/4 | 18,254 | 3/4 | 7,374 | 3/4 | | 3/4 | |
| 6 | 61,515 | 6 | 50,634 | 6 | 39,753 | 6 | 28,873 | 6 | 18,027 | 6 | 7,147 | 6 | | 6 | |
| 1/4 | 61,288 | 1/4 | 50,407 | 1/4 | 39,527 | 1/4 | 28,646 | 1/4 | 17,801 | 1/4 | 6,920 | 1/4 | | 1/4 | |
| 1/2 | 61,061 | 1/2 | 50,181 | 1/2 | 39,300 | 1/2 | 28,419 | 1/2 | 17,574 | 1/2 | 6,694 | 1/2 | | 1/2 | |
| 3/4 | 60,835 | 3/4 | 49,954 | 3/4 | 39,073 | 3/4 | 28,193 | 3/4 | 17,347 | 3/4 | 6,467 | 3/4 | | 3/4 | |
| 7 | 60,608 | 7 | 49,727 | 7 | 38,847 | 7 | 27,967 | 7 | 17,121 | 7 | 6,240 | 7 | | 7 | |
| 1/4 | 60,381 | 1/4 | 49,501 | 1/4 | 38,620 | 1/4 | 27,741 | 1/4 | 16,894 | 1/4 | 6,014 | 1/4 | | 1/4 | |
| 1/2 | 60,155 | 1/2 | 49,274 | 1/2 | 38,393 | 1/2 | 27,516 | 1/2 | 16,667 | 1/2 | 5,787 | 1/2 | | 1/2 | |
| 3/4 | 59,928 | 3/4 | 49,047 | 3/4 | 38,167 | 3/4 | 27,290 | 3/4 | 16,441 | 3/4 | 5,560 | 3/4 | | 3/4 | |
| 8 | 59,701 | 8 | 48,821 | 8 | 37,940 | 8 | 27,064 | 8 | 16,214 | 8 | 5,334 | 8 | | 8 | |
| 1/4 | 59,475 | 1/4 | 48,594 | 1/4 | 37,713 | 1/4 | 26,838 | 1/4 | 15,987 | 1/4 | 5,107 | 1/4 | | 1/4 | |
| 1/2 | 59,248 | 1/2 | 48,367 | 1/2 | 37,487 | 1/2 | 26,612 | 1/2 | 15,761 | 1/2 | 4,881 | 1/2 | | 1/2 | |
| 3/4 | 59,021 | 3/4 | 48,141 | 3/4 | 37,260 | 3/4 | 26,387 | 3/4 | 15,534 | 3/4 | 4,654 | 3/4 | | 3/4 | |
| 9 | 58,795 | 9 | 47,914 | 9 | 37,033 | 9 | 26,161 | 9 | 15,307 | 9 | 4,427 | 9 | | 9 | |
| 1/4 | 58,568 | 1/4 | 47,687 | 1/4 | 36,807 | 1/4 | 25,935 | 1/4 | 15,081 | 1/4 | 4,201 | 1/4 | | 1/4 | |
| 1/2 | 58,341 | 1/2 | 47,461 | 1/2 | 36,580 | 1/2 | 25,709 | 1/2 | 14,854 | 1/2 | 3,974 | 1/2 | | 1/2 | |
| 3/4 | 58,115 | 3/4 | 47,234 | 3/4 | 36,353 | 3/4 | 25,484 | 3/4 | 14,627 | 3/4 | 3,748 | 3/4 | | 3/4 | |
| 10 | 57,888 | 10 | 47,007 | 10 | 36,127 | 10 | 25,258 | 10 | 14,401 | 10 | 3,522 | 10 | | 10 | |
| 1/4 | 57,661 | 1/4 | 46,781 | 1/4 | 35,900 | 1/4 | 25,032 | 1/4 | 14,174 | 1/4 | 3,296 | 1/4 | | 1/4 | |
| 1/2 | 57,435 | 1/2 | 46,554 | 1/2 | 35,673 | 1/2 | 24,806 | 1/2 | 13,947 | 1/2 | 3,070 | 1/2 | | 1/2 | |
| 3/4 | 57,208 | 3/4 | 46,327 | 3/4 | 35,447 | 3/4 | 24,580 | 3/4 | 13,721 | 3/4 | 2,844 | 3/4 | | 3/4 | |
| 11 | 56,981 | 11 | 46,101 | 11 | 35,220 | 11 | 24,355 | 11 | 13,494 | 11 | 2,618 | 11 | | 11 | |
| 1/4 | 56,755 | 1/4 | 45,874 | 1/4 | 34,993 | 1/4 | 24,129 | 1/4 | 13,267 | 1/4 | 2,393 | 1/4 | | 1/4 | |
| 1/2 | 56,528 | 1/2 | 45,647 | 1/2 | 34,766 | 1/2 | 23,903 | 1/2 | 13,041 | 1/2 | 2,168 | 1/2 | | 1/2 | |
| 3/4 | 56,301 | 3/4 | 45,421 | 3/4 | 34,540 | 3/4 | 23,677 | 3/4 | 12,814 | 3/4 | 1,943 | 3/4 | | 3/4 | |

** Volume below Strike Point.

Reissued : April 1994
Strapped : 13 May 1981
Computed : H.M. *UDB*

Total Gauge Height - 17' 1 3/8" to 0' 00" of Hermetic Gauging Unit.
Gauge Point located near Center of Tank.

Calculated per API 2553/66

ULLAGE TABLE



Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 1 of 2

| 3 FEET | | 4 FEET | | 5 FEET | | 6 FEET | | 7 FEET | | 8 FEET | | 9 FEET | | 10 FEET | |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|---------|--------|
| 0 | | 0 | 142,771 | 0 | 132,668 | 0 | 122,225 | 0 | 111,401 | 0 | 100,444 | 0 | 89,486 | 0 | 78,529 |
| 1/4 | | 1/4 | 142,562 | 1/4 | 132,454 | 1/4 | 122,002 | 1/4 | 111,173 | 1/4 | 100,215 | 1/4 | 89,258 | 1/4 | 78,300 |
| 1/2 | 148,634 | 1/2 | 142,352 | 1/2 | 132,240 | 1/2 | 121,780 | 1/2 | 110,944 | 1/2 | 99,987 | 1/2 | 89,030 | 1/2 | 78,072 |
| 3/4 | 148,622 | 3/4 | 142,143 | 3/4 | 132,026 | 3/4 | 121,558 | 3/4 | 110,716 | 3/4 | 99,759 | 3/4 | 88,801 | 3/4 | 77,844 |
| 1 | 148,610 | 1 | 141,933 | 1 | 131,811 | 1 | 121,336 | 1 | 110,488 | 1 | 99,530 | 1 | 88,573 | 1 | 77,616 |
| 1/4 | 148,599 | 1/4 | 141,724 | 1/4 | 131,597 | 1/4 | 121,113 | 1/4 | 110,260 | 1/4 | 99,302 | 1/4 | 88,345 | 1/4 | 77,387 |
| 1/2 | 148,587 | 1/2 | 141,515 | 1/2 | 131,383 | 1/2 | 120,891 | 1/2 | 110,031 | 1/2 | 99,074 | 1/2 | 88,116 | 1/2 | 77,159 |
| 3/4 | 148,552 | 3/4 | 141,305 | 3/4 | 131,169 | 3/4 | 120,669 | 3/4 | 109,803 | 3/4 | 98,846 | 3/4 | 87,888 | 3/4 | 76,931 |
| 2 | 148,517 | 2 | 141,096 | 2 | 130,955 | 2 | 120,447 | 2 | 109,575 | 2 | 98,617 | 2 | 87,660 | 2 | 76,702 |
| 1/4 | 148,482 | 1/4 | 140,887 | 1/4 | 130,739 | 1/4 | 120,223 | 1/4 | 109,347 | 1/4 | 98,389 | 1/4 | 87,432 | 1/4 | 76,474 |
| 1/2 | 148,448 | 1/2 | 140,677 | 1/2 | 130,523 | 1/2 | 119,999 | 1/2 | 109,118 | 1/2 | 98,161 | 1/2 | 87,203 | 1/2 | 76,246 |
| 3/4 | 148,389 | 3/4 | 140,468 | 3/4 | 130,308 | 3/4 | 119,776 | 3/4 | 108,890 | 3/4 | 97,932 | 3/4 | 86,975 | 3/4 | 76,018 |
| 3 | 148,331 | 3 | 140,258 | 3 | 130,092 | 3 | 119,552 | 3 | 108,662 | 3 | 97,704 | 3 | 86,747 | 3 | 75,789 |
| 1/4 | 148,273 | 1/4 | 140,049 | 1/4 | 129,877 | 1/4 | 119,329 | 1/4 | 108,433 | 1/4 | 97,476 | 1/4 | 86,518 | 1/4 | 75,561 |
| 1/2 | 148,215 | 1/2 | 139,840 | 1/2 | 129,661 | 1/2 | 119,105 | 1/2 | 108,205 | 1/2 | 97,248 | 1/2 | 86,290 | 1/2 | 75,333 |
| 3/4 | 148,133 | 3/4 | 139,630 | 3/4 | 129,446 | 3/4 | 118,881 | 3/4 | 107,977 | 3/4 | 97,019 | 3/4 | 86,062 | 3/4 | 75,104 |
| 4 | 148,052 | 4 | 139,421 | 4 | 129,230 | 4 | 118,658 | 4 | 107,749 | 4 | 96,791 | 4 | 85,834 | 4 | 74,876 |
| 1/4 | 147,971 | 1/4 | 139,211 | 1/4 | 129,013 | 1/4 | 118,433 | 1/4 | 107,520 | 1/4 | 96,563 | 1/4 | 85,605 | 1/4 | 74,648 |
| 1/2 | 147,889 | 1/2 | 139,002 | 1/2 | 128,796 | 1/2 | 118,208 | 1/2 | 107,292 | 1/2 | 96,335 | 1/2 | 85,377 | 1/2 | 74,420 |
| 3/4 | 147,784 | 3/4 | 138,793 | 3/4 | 128,579 | 3/4 | 117,983 | 3/4 | 107,064 | 3/4 | 96,106 | 3/4 | 85,149 | 3/4 | 74,191 |
| 5 | 147,680 | 5 | 138,583 | 5 | 128,362 | 5 | 117,758 | 5 | 106,835 | 5 | 95,878 | 5 | 84,921 | 5 | 73,963 |
| 1/4 | 147,575 | 1/4 | 138,374 | 1/4 | 128,145 | 1/4 | 117,533 | 1/4 | 106,607 | 1/4 | 95,650 | 1/4 | 84,692 | 1/4 | 73,735 |
| 1/2 | 147,470 | 1/2 | 138,165 | 1/2 | 127,929 | 1/2 | 117,308 | 1/2 | 106,379 | 1/2 | 95,421 | 1/2 | 84,464 | 1/2 | 73,506 |
| 3/4 | 147,342 | 3/4 | 137,955 | 3/4 | 127,712 | 3/4 | 117,083 | 3/4 | 106,151 | 3/4 | 95,193 | 3/4 | 84,236 | 3/4 | 73,278 |
| 6 | 147,214 | 6 | 137,746 | 6 | 127,495 | 6 | 116,858 | 6 | 105,922 | 6 | 94,965 | 6 | 84,007 | 6 | 73,050 |
| 1/4 | 147,087 | 1/4 | 137,535 | 1/4 | 127,276 | 1/4 | 116,632 | 1/4 | 105,694 | 1/4 | 94,737 | 1/4 | 83,779 | 1/4 | 72,822 |
| 1/2 | 146,959 | 1/2 | 137,325 | 1/2 | 127,058 | 1/2 | 116,406 | 1/2 | 105,466 | 1/2 | 94,508 | 1/2 | 83,551 | 1/2 | 72,593 |
| 3/4 | 146,807 | 3/4 | 137,115 | 3/4 | 126,840 | 3/4 | 116,180 | 3/4 | 105,237 | 3/4 | 94,280 | 3/4 | 83,323 | 3/4 | 72,365 |
| 7 | 146,656 | 7 | 136,905 | 7 | 126,622 | 7 | 115,953 | 7 | 105,009 | 7 | 94,052 | 7 | 83,094 | 7 | 72,137 |
| 1/4 | 146,505 | 1/4 | 136,695 | 1/4 | 126,403 | 1/4 | 115,727 | 1/4 | 104,781 | 1/4 | 93,823 | 1/4 | 82,866 | 1/4 | 71,909 |
| 1/2 | 146,354 | 1/2 | 136,484 | 1/2 | 126,185 | 1/2 | 115,501 | 1/2 | 104,553 | 1/2 | 93,595 | 1/2 | 82,638 | 1/2 | 71,680 |
| 3/4 | 146,179 | 3/4 | 136,274 | 3/4 | 125,967 | 3/4 | 115,274 | 3/4 | 104,324 | 3/4 | 93,367 | 3/4 | 82,409 | 3/4 | 71,452 |
| 8 | 146,005 | 8 | 136,064 | 8 | 125,749 | 8 | 115,048 | 8 | 104,096 | 8 | 93,139 | 8 | 82,181 | 8 | 71,224 |
| 1/4 | 145,830 | 1/4 | 135,852 | 1/4 | 125,529 | 1/4 | 114,821 | 1/4 | 103,868 | 1/4 | 92,910 | 1/4 | 81,953 | 1/4 | 70,995 |
| 1/2 | 145,656 | 1/2 | 135,641 | 1/2 | 125,310 | 1/2 | 114,593 | 1/2 | 103,639 | 1/2 | 92,682 | 1/2 | 81,725 | 1/2 | 70,767 |
| 3/4 | 145,458 | 3/4 | 135,429 | 3/4 | 125,090 | 3/4 | 114,365 | 3/4 | 103,411 | 3/4 | 92,454 | 3/4 | 81,496 | 3/4 | 70,539 |
| 9 | 145,260 | 9 | 135,218 | 9 | 124,870 | 9 | 114,138 | 9 | 103,183 | 9 | 92,225 | 9 | 81,268 | 9 | 70,311 |
| 1/4 | 145,063 | 1/4 | 135,006 | 1/4 | 124,651 | 1/4 | 113,910 | 1/4 | 102,955 | 1/4 | 91,997 | 1/4 | 81,040 | 1/4 | 70,082 |
| 1/2 | 144,865 | 1/2 | 134,795 | 1/2 | 124,431 | 1/2 | 113,682 | 1/2 | 102,726 | 1/2 | 91,769 | 1/2 | 80,811 | 1/2 | 69,854 |
| 3/4 | 144,655 | 3/4 | 134,583 | 3/4 | 124,212 | 3/4 | 113,455 | 3/4 | 102,498 | 3/4 | 91,541 | 3/4 | 80,583 | 3/4 | 69,626 |
| 10 | 144,446 | 10 | 134,372 | 10 | 123,992 | 10 | 113,227 | 10 | 102,270 | 10 | 91,312 | 10 | 80,355 | 10 | 69,397 |
| 1/4 | 144,237 | 1/4 | 134,159 | 1/4 | 123,771 | 1/4 | 112,999 | 1/4 | 102,042 | 1/4 | 91,084 | 1/4 | 80,127 | 1/4 | 69,169 |
| 1/2 | 144,027 | 1/2 | 133,946 | 1/2 | 123,550 | 1/2 | 112,771 | 1/2 | 101,813 | 1/2 | 90,856 | 1/2 | 79,898 | 1/2 | 68,941 |
| 3/4 | 143,818 | 3/4 | 133,733 | 3/4 | 123,329 | 3/4 | 112,542 | 3/4 | 101,585 | 3/4 | 90,628 | 3/4 | 79,670 | 3/4 | 68,713 |
| 11 | 143,608 | 11 | 133,520 | 11 | 123,108 | 11 | 112,314 | 11 | 101,357 | 11 | 90,399 | 11 | 79,442 | 11 | 68,484 |
| 1/4 | 143,399 | 1/4 | 133,307 | 1/4 | 122,887 | 1/4 | 112,086 | 1/4 | 101,128 | 1/4 | 90,171 | 1/4 | 79,213 | 1/4 | 68,256 |
| 1/2 | 143,190 | 1/2 | 133,094 | 1/2 | 122,667 | 1/2 | 111,858 | 1/2 | 100,900 | 1/2 | 89,943 | 1/2 | 78,985 | 1/2 | 68,028 |
| 3/4 | 142,980 | 3/4 | 132,881 | 3/4 | 122,446 | 3/4 | 111,629 | 3/4 | 100,672 | 3/4 | 89,714 | 3/4 | 78,757 | 3/4 | 67,799 |

** Volume below Strike Point.

Total Gauge Height - 17' 1 1/2" to 0' 00" of Hermetic Gauging Unit.
Gauge Point located near Center of Tank.

ULLAGE TABLE



Capacities in Gallons

Table Scaled from Reference 0' 00" of Hermetic Gauging Unit

Page 2 of 2

| 11 FEET | | 12 FEET | | 13 FEET | | 14 FEET | | 15 FEET | | 16 FEET | | 17 FEET | | 18 FEET | |
|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--|
| 0 | 67,571 | 0 | 56,614 | 0 | 45,656 | 0 | 34,699 | 0 | 23,743 | 0 | 12,788 | 0 | 1,841 | 0 | |
| 1/4 | 67,343 | 1/4 | 56,385 | 1/4 | 45,428 | 1/4 | 34,471 | 1/4 | 23,515 | 1/4 | 12,559 | 1/4 | 1,616 | 1/4 | |
| 1/2 | 67,115 | 1/2 | 56,157 | 1/2 | 45,200 | 1/2 | 34,242 | 1/2 | 23,287 | 1/2 | 12,331 | 1/2 | 1,391 | 1/2 | |
| 3/4 | 66,886 | 3/4 | 55,929 | 3/4 | 44,971 | 3/4 | 34,014 | 3/4 | 23,059 | 3/4 | 12,103 | 3/4 | 1,165 | 3/4 | |
| 1 | 66,658 | 1 | 55,701 | 1 | 44,743 | 1 | 33,786 | 1 | 22,830 | 1 | 11,874 | 1 | 940 | 1 | |
| 1/4 | 66,430 | 1/4 | 55,472 | 1/4 | 44,515 | 1/4 | 33,557 | 1/4 | 22,602 | 1/4 | 11,646 | 1/4 | 717 | 1/4 | |
| 1/2 | 66,202 | 1/2 | 55,244 | 1/2 | 44,287 | 1/2 | 33,329 | 1/2 | 22,374 | 1/2 | 11,418 | 1/2 | ** 494 | 1/2 | |
| 3/4 | 65,973 | 3/4 | 55,016 | 3/4 | 44,058 | 3/4 | 33,101 | 3/4 | 22,146 | 3/4 | 11,190 | 3/4 | | 3/4 | |
| 2 | 65,745 | 2 | 54,787 | 2 | 43,830 | 2 | 32,873 | 2 | 21,918 | 2 | 10,961 | 2 | | 2 | |
| 1/4 | 65,517 | 1/4 | 54,559 | 1/4 | 43,602 | 1/4 | 32,644 | 1/4 | 21,690 | 1/4 | 10,733 | 1/4 | | 1/4 | |
| 1/2 | 65,288 | 1/2 | 54,331 | 1/2 | 43,373 | 1/2 | 32,416 | 1/2 | 21,461 | 1/2 | 10,505 | 1/2 | | 1/2 | |
| 3/4 | 65,060 | 3/4 | 54,103 | 3/4 | 43,145 | 3/4 | 32,188 | 3/4 | 21,233 | 3/4 | 10,277 | 3/4 | | 3/4 | |
| 3 | 64,832 | 3 | 53,874 | 3 | 42,917 | 3 | 31,959 | 3 | 21,005 | 3 | 10,048 | 3 | | 3 | |
| 1/4 | 64,604 | 1/4 | 53,646 | 1/4 | 42,689 | 1/4 | 31,731 | 1/4 | 20,777 | 1/4 | 9,820 | 1/4 | | 1/4 | |
| 1/2 | 64,375 | 1/2 | 53,418 | 1/2 | 42,460 | 1/2 | 31,503 | 1/2 | 20,549 | 1/2 | 9,592 | 1/2 | | 1/2 | |
| 3/4 | 64,147 | 3/4 | 53,190 | 3/4 | 42,232 | 3/4 | 31,275 | 3/4 | 20,320 | 3/4 | 9,364 | 3/4 | | 3/4 | |
| 4 | 63,919 | 4 | 52,961 | 4 | 42,004 | 4 | 31,046 | 4 | 20,092 | 4 | 9,135 | 4 | | 4 | |
| 1/4 | 63,690 | 1/4 | 52,733 | 1/4 | 41,776 | 1/4 | 30,818 | 1/4 | 19,864 | 1/4 | 8,907 | 1/4 | | 1/4 | |
| 1/2 | 63,462 | 1/2 | 52,505 | 1/2 | 41,547 | 1/2 | 30,590 | 1/2 | 19,636 | 1/2 | 8,679 | 1/2 | | 1/2 | |
| 3/4 | 63,234 | 3/4 | 52,276 | 3/4 | 41,319 | 3/4 | 30,361 | 3/4 | 19,407 | 3/4 | 8,450 | 3/4 | | 3/4 | |
| 5 | 63,006 | 5 | 52,048 | 5 | 41,091 | 5 | 30,133 | 5 | 19,179 | 5 | 8,222 | 5 | | 5 | |
| 1/4 | 62,777 | 1/4 | 51,820 | 1/4 | 40,862 | 1/4 | 29,905 | 1/4 | 18,951 | 1/4 | 7,994 | 1/4 | | 1/4 | |
| 1/2 | 62,549 | 1/2 | 51,592 | 1/2 | 40,634 | 1/2 | 29,677 | 1/2 | 18,723 | 1/2 | 7,766 | 1/2 | | 1/2 | |
| 3/4 | 62,321 | 3/4 | 51,363 | 3/4 | 40,406 | 3/4 | 29,448 | 3/4 | 18,494 | 3/4 | 7,537 | 3/4 | | 3/4 | |
| 6 | 62,092 | 6 | 51,135 | 6 | 40,178 | 6 | 29,220 | 6 | 18,266 | 6 | 7,309 | 6 | | 6 | |
| 1/4 | 61,864 | 1/4 | 50,907 | 1/4 | 39,949 | 1/4 | 28,992 | 1/4 | 18,038 | 1/4 | 7,081 | 1/4 | | 1/4 | |
| 1/2 | 61,636 | 1/2 | 50,678 | 1/2 | 39,721 | 1/2 | 28,764 | 1/2 | 17,810 | 1/2 | 6,853 | 1/2 | | 1/2 | |
| 3/4 | 61,408 | 3/4 | 50,450 | 3/4 | 39,493 | 3/4 | 28,535 | 3/4 | 17,581 | 3/4 | 6,624 | 3/4 | | 3/4 | |
| 7 | 61,179 | 7 | 50,222 | 7 | 39,264 | 7 | 28,307 | 7 | 17,353 | 7 | 6,396 | 7 | | 7 | |
| 1/4 | 60,951 | 1/4 | 49,994 | 1/4 | 39,036 | 1/4 | 28,079 | 1/4 | 17,125 | 1/4 | 6,168 | 1/4 | | 1/4 | |
| 1/2 | 60,723 | 1/2 | 49,765 | 1/2 | 38,808 | 1/2 | 27,850 | 1/2 | 16,896 | 1/2 | 5,939 | 1/2 | | 1/2 | |
| 3/4 | 60,495 | 3/4 | 49,537 | 3/4 | 38,580 | 3/4 | 27,622 | 3/4 | 16,668 | 3/4 | 5,711 | 3/4 | | 3/4 | |
| 8 | 60,266 | 8 | 49,309 | 8 | 38,351 | 8 | 27,394 | 8 | 16,440 | 8 | 5,483 | 8 | | 8 | |
| 1/4 | 60,038 | 1/4 | 49,080 | 1/4 | 38,123 | 1/4 | 27,166 | 1/4 | 16,212 | 1/4 | 5,255 | 1/4 | | 1/4 | |
| 1/2 | 59,810 | 1/2 | 48,852 | 1/2 | 37,895 | 1/2 | 26,938 | 1/2 | 15,983 | 1/2 | 5,026 | 1/2 | | 1/2 | |
| 3/4 | 59,581 | 3/4 | 48,624 | 3/4 | 37,666 | 3/4 | 26,710 | 3/4 | 15,755 | 3/4 | 4,798 | 3/4 | | 3/4 | |
| 9 | 59,353 | 9 | 48,396 | 9 | 37,438 | 9 | 26,481 | 9 | 15,527 | 9 | 4,570 | 9 | | 9 | |
| 1/4 | 59,125 | 1/4 | 48,167 | 1/4 | 37,210 | 1/4 | 26,253 | 1/4 | 15,299 | 1/4 | 4,342 | 1/4 | | 1/4 | |
| 1/2 | 58,897 | 1/2 | 47,939 | 1/2 | 36,982 | 1/2 | 26,025 | 1/2 | 15,070 | 1/2 | 4,114 | 1/2 | | 1/2 | |
| 3/4 | 58,668 | 3/4 | 47,711 | 3/4 | 36,753 | 3/4 | 25,797 | 3/4 | 14,842 | 3/4 | 3,886 | 3/4 | | 3/4 | |
| 10 | 58,440 | 10 | 47,483 | 10 | 36,525 | 10 | 25,569 | 10 | 14,614 | 10 | 3,658 | 10 | | 10 | |
| 1/4 | 58,212 | 1/4 | 47,254 | 1/4 | 36,297 | 1/4 | 25,340 | 1/4 | 14,385 | 1/4 | 3,431 | 1/4 | | 1/4 | |
| 1/2 | 57,983 | 1/2 | 47,026 | 1/2 | 36,069 | 1/2 | 25,112 | 1/2 | 14,157 | 1/2 | 3,203 | 1/2 | | 1/2 | |
| 3/4 | 57,755 | 3/4 | 46,798 | 3/4 | 35,840 | 3/4 | 24,884 | 3/4 | 13,929 | 3/4 | 2,976 | 3/4 | | 3/4 | |
| 11 | 57,527 | 11 | 46,569 | 11 | 35,612 | 11 | 24,656 | 11 | 13,701 | 11 | 2,748 | 11 | | 11 | |
| 1/4 | 57,299 | 1/4 | 46,341 | 1/4 | 35,384 | 1/4 | 24,428 | 1/4 | 13,472 | 1/4 | 2,521 | 1/4 | | 1/4 | |
| 1/2 | 57,070 | 1/2 | 46,113 | 1/2 | 35,155 | 1/2 | 24,200 | 1/2 | 13,244 | 1/2 | 2,295 | 1/2 | | 1/2 | |
| 3/4 | 56,842 | 3/4 | 45,885 | 3/4 | 34,927 | 3/4 | 23,971 | 3/4 | 13,016 | 3/4 | 2,068 | 3/4 | | 3/4 | |

** Volume below Strike Point.

Reissued : April 1994
Strapped : 13 May 1981
Computed : H M

Total Gauge Height - 17' 1 1/2" to 0' 00" of Hermetic Gauging Unit.
Gauge Point located near Center of Tank.

Calculated per API 2553/66

ULLAGE TABLE