

| API 12-B Specifications |            |            |             |            |            |        |          |       |        |      |                 |              |
|-------------------------|------------|------------|-------------|------------|------------|--------|----------|-------|--------|------|-----------------|--------------|
| CAPACITY                |            |            | DIMENSIONS  |            | TANK SHELL |        |          |       | BOTTOM | DECK | WEIGHT          |              |
| NOMINAL                 | ACTUAL (1) |            | INSIDE      |            | NUMBER     | STAVES | USS      | ROWS  | USS GA |      | CLOSED DECK (4) | OPEN TOP (5) |
| 42 GAL                  | 42 GAL     | ACTUAL (1) | DIAMETER    | SHELL      | OF         | PER    | GA       | OF    |        |      | TANK            | TANK         |
| BBL                     | BBL        | GAL        | NOMINAL     | HEIGHT     | RINGS      | RING   | (RING #) | BOLTS |        |      | (LB)            | (LB)         |
| 100                     | 95.80      | 4023       | 9' 2-3/4"   | 8' 1/2"    | 1          | 6      | All 12   | 1     | 12     | 12   | 2240            | 1770         |
| 200                     | 191.64     | 8049       |             | 16' 1"     | 2          | 6      | All 12   | 1     | 12     | 12   | 3550            | 3090         |
| 300                     | 287.46     | 12072      |             | 24' 1-1/2" | 3          | 6      | All 12   | 1     | 12     | 12   | 4810            | 4350         |
| 250                     | 266.28     | 11184      | 15' 4-5/8"  | 8' 1/2"    | 1          | 10     | All 12   | 1     | 12     | 12   | 4510            | 3400         |
| H-500                   | 532.56     | 22368      |             | 16' 1"     | 2          | 10     | All 12   | 1     | 12     | 12   | 6640            | 5490         |
| HS-500 (6)              | 532.56     | 22368      |             | 16' 1"     | 2          | 10     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 10     | 1st 10   | 1     | 10     | 12   | 7430            | 6160         |
| 750                     | 798.84     | 33551      | 24' 1-1/2"  | 24' 1-1/2" | 3          | 10     | 3rd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 10     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 10     | 1st 10   | 1     | 12     | 12   | 9300            | 8110         |
| S-750 (6)               | 798.84     | 33551      | 24' 1-1/2"  | 24' 1-1/2" | 3          | 10     | 3rd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 10     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 10     | 1st 10   | 1     | 10     | 12   | 9550            | 8260         |
| L-500                   | 522.01     | 21924      | 21' 6-1/2"  | 8' 1/2"    | 1          | 14     | All 12   | 1     | 12     | 12   | 7890            | 5300         |
| 1000                    | 1044.02    | 43849      |             | 16' 1"     | 2          | 14     | All 12   | 1     | 12     | 12   | 10890           | 8230         |
| S-1000 (6)              | 1044.02    | 43849      |             |            | 2          | 14     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 14     | 1st 10   | 1     | 10     | 12   | 12290           | 9630         |
| 1500                    | 1566.03    | 65773      | 24' 1-1/2"  | 24' 1-1/2" | 3          | 14     | 3rd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 14     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 14     | 1st 12   | 2     | 12     | 12   | 14110           | 12300        |
| S-1500 (6)              | 1566.03    | 65773      | 24' 1-1/2"  | 24' 1-1/2" | 3          | 14     | 3rd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 14     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 14     | 1st 10   | 2     | 10     | 12   | 15530           | 13820        |
| 800*                    | 769.61     | 32324      | 26' 1-7/8"  | 8' 1/2"    | 1          | 17     | All 12   | 1     | 12     | 12   | 9940            | 6900         |
| 1600*                   | 1539.21    | 64647      |             | 16' 1"     | 2          | 17     | All 12   | 1     | 12     | 12   | 13303           | 10000        |
| 2400*                   | 2308.83    | 96970      |             | 24' 1-1/2" | 3          | 17     | 3rd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 17     | 2nd 12   | 1     |        |      |                 |              |
|                         |            |            |             |            |            | 17     | 1st 12   | 2     | 12     | 12   | 17650           | 14600        |
| L-1000                  | 993.53     | 41728      | 29' 8-5/8"  | 8' 1/2"    | 1          | 20     | All 12   | 2     | 12     | 12   | 14140           | 8820         |
| 2000                    | 1987.06    | 83728      |             | 16' 1"     | 2          | 20     | All 12   | 2     | 12     | 12   | 18770           | 13330        |
| 3000                    | 2980.56    | 125185     |             | 24' 1-1/2" | 3          | 20     | 3rd 12   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 20     | 2nd 12   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 20     | 1st 10   | 2     | 12     | 12   | 23800           | 18900        |
| API 5000 (3)            | 5037.45    | 211572     | 38' 7-5/8"  | 24' 1-1/2" | 3          | 26     | 3rd 12   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 26     | 2nd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 26     | 1st 10   | 2     | 10     | 12   | 39000           | 28460        |
| 5000 (6)                | 5037.45    | 211572     | 24' 1-1/2"  | 24' 1-1/2" | 3          | 26     | 3rd 12   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 26     | 2nd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 26     | 1st 7    | 2     | 10     | 12   | 41000           | 30460        |
| 7500*                   | 7650.62    | 321326     | 47' 6-3/8"  | 24' 1-1/2" | 3          | 32     | 3rd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 32     | 2nd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 32     | 1st 3/16 | 3     | 10     | 12   | 64900           | 42000        |
| API 10000 (3)           | 10218.49   | 429177     | 54' 11-3/4" | 24' 2"     | 3          | 37     | 3rd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 37     | 2nd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 37     | 1st 3/16 | 3     | 10     | 12   | 74000           | 52900        |
| 10000 (6)               | 10218.49   | 429177     | 24' 2"      | 24' 2"     | 3          | 37     | 3rd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 37     | 2nd 7    | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 37     | 1st 1/4  | 3     | 10     | 12   | 81000           | 59900        |
| 15000*                  | 14466.17   | 607579     | 65' 4-5/16" | 24' 1-1/2" | 3          | 44     | 3rd 10   | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 44     | 2nd 3/16 | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 44     | 1st 1/4  | 3     | 10     | 12   | 109000          | 69800        |
| 20000*                  | 21826.29   | 916704     | 80' 2-9/16" | 24' 3"     | 3          | 54     | 3rd 9    | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 54     | 2nd 3/16 | 2     |        |      |                 |              |
|                         |            |            |             |            |            | 54     | 1st 1/4  | 3     | 10     | 12   | 169800          | 132800       |

\*Manufactured in accordance with API standards for dimensions, materials, and specifications. Not listed as API tank size.

- (1) Capacity based on nominal diameters and shell size.  
(2) Sized for 1/2" diameter bolts 91000 psi strength.  
(3) Not recommended for liquids having a specific gravity of 1.0 or higher.
- (4) Standard deck supplied with 1:12 slope.  
(5) Structural stiffeners supplied for top rim reinforcement.  
(6) Heavier gauges for bottom and/or shell.