

# TEXANA TANK CAR & MFG., INC.

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Tank style: Straight-top, sloping-bottom tank  
 Shell-full capacity: 30,149 Gal.  
 Specification: DOT 111A100W1  
 Internal components (gal): 0  
 Lining thickness (in): 0.0  
 Printed by: R. CALVIT

Gage Table No. TJRX 30055  
 Gage table date: 2/8/2001  
 Head Diameter: 114.3264 in.  
 Center diameter: 116.0373 in.  
 Manway volume (gal): 0  
 Printed on: 2/8/2001

This gage table shows OUTAGE volumes (volume of vapor space above the liquid surface). Distances shown are measured downward from the shell-full (zero-outage) level to the surface of the liquid. This is from the inside top of the tank for most tank cars and from the bottom of the manway for most compartment tanks.

| DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS |
|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|
| 0.25            | 4                 | 10.25           | 1,286             | 20.25           | 3,507             | 30.25           | 6,255             |
| 0.50            | 13                | 10.50           | 1,332             | 20.50           | 3,570             | 30.50           | 6,329             |
| 0.75            | 25                | 10.75           | 1,380             | 20.75           | 3,634             | 30.75           | 6,402             |
| 1.00            | 39                | 11.00           | 1,428             | 21.00           | 3,698             | 31.00           | 6,477             |
| 1.25            | 55                | 11.25           | 1,476             | 21.25           | 3,762             | 31.25           | 6,551             |
| 1.50            | 72                | 11.50           | 1,525             | 21.50           | 3,826             | 31.50           | 6,625             |
| 1.75            | 91                | 11.75           | 1,574             | 21.75           | 3,891             | 31.75           | 6,700             |
| 2.00            | 111               | 12.00           | 1,624             | 22.00           | 3,956             | 32.00           | 6,775             |
| 2.25            | 133               | 12.25           | 1,675             | 22.25           | 4,022             | 32.25           | 6,850             |
| 2.50            | 155               | 12.50           | 1,726             | 22.50           | 4,088             | 32.50           | 6,925             |
| 2.75            | 179               | 12.75           | 1,777             | 22.75           | 4,154             | 32.75           | 7,000             |
| 3.00            | 204               | 13.00           | 1,829             | 23.00           | 4,220             | 33.00           | 7,076             |
| 3.25            | 231               | 13.25           | 1,881             | 23.25           | 4,286             | 33.25           | 7,152             |
| 3.50            | 258               | 13.50           | 1,934             | 23.50           | 4,353             | 33.50           | 7,228             |
| 3.75            | 286               | 13.75           | 1,987             | 23.75           | 4,420             | 33.75           | 7,304             |
| 4.00            | 315               | 14.00           | 2,040             | 24.00           | 4,488             | 34.00           | 7,380             |
| 4.25            | 345               | 14.25           | 2,094             | 24.25           | 4,556             | 34.25           | 7,456             |
| 4.50            | 376               | 14.50           | 2,149             | 24.50           | 4,624             | 34.50           | 7,533             |
| 4.75            | 408               | 14.75           | 2,203             | 24.75           | 4,692             | 34.75           | 7,610             |
| 5.00            | 440               | 15.00           | 2,259             | 25.00           | 4,760             | 35.00           | 7,687             |
| 5.25            | 474               | 15.25           | 2,314             | 25.25           | 4,829             | 35.25           | 7,764             |
| 5.50            | 508               | 15.50           | 2,370             | 25.50           | 4,898             | 35.50           | 7,841             |
| 5.75            | 543               | 15.75           | 2,427             | 25.75           | 4,967             | 35.75           | 7,919             |
| 6.00            | 578               | 16.00           | 2,484             | 26.00           | 5,037             | 36.00           | 7,996             |
| 6.25            | 615               | 16.25           | 2,541             | 26.25           | 5,107             | 36.25           | 8,074             |
| 6.50            | 652               | 16.50           | 2,599             | 26.50           | 5,177             | 36.50           | 8,152             |
| 6.75            | 690               | 16.75           | 2,657             | 26.75           | 5,247             | 36.75           | 8,230             |
| 7.00            | 728               | 17.00           | 2,715             | 27.00           | 5,317             | 37.00           | 8,308             |
| 7.25            | 767               | 17.25           | 2,774             | 27.25           | 5,388             | 37.25           | 8,387             |
| 7.50            | 807               | 17.50           | 2,833             | 27.50           | 5,459             | 37.50           | 8,465             |
| 7.75            | 848               | 17.75           | 2,893             | 27.75           | 5,530             | 37.75           | 8,544             |
| 8.00            | 889               | 18.00           | 2,952             | 28.00           | 5,602             | 38.00           | 8,623             |
| 8.25            | 931               | 18.25           | 3,013             | 28.25           | 5,674             | 38.25           | 8,702             |
| 8.50            | 973               | 18.50           | 3,073             | 28.50           | 5,745             | 38.50           | 8,781             |
| 8.75            | 1,016             | 18.75           | 3,134             | 28.75           | 5,818             | 38.75           | 8,860             |
| 9.00            | 1,059             | 19.00           | 3,196             | 29.00           | 5,890             | 39.00           | 8,939             |
| 9.25            | 1,104             | 19.25           | 3,257             | 29.25           | 5,963             | 39.25           | 9,019             |
| 9.50            | 1,148             | 19.50           | 3,319             | 29.50           | 6,035             | 39.50           | 9,098             |
| 9.75            | 1,193             | 19.75           | 3,381             | 29.75           | 6,108             | 39.75           | 9,178             |
| 10.00           | 1,239             | 20.00           | 3,444             | 30.00           | 6,182             | 40.00           | 9,258             |

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| DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS |
|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|
| 40.25           | 9,338             | 52.75           | 13,455            | 65.25           | 17,654            | 77.75           | 21,721            |
| 40.50           | 9,418             | 53.00           | 13,539            | 65.50           | 17,738            | 78.00           | 21,799            |
| 40.75           | 9,498             | 53.25           | 13,623            | 65.75           | 17,821            | 78.25           | 21,877            |
| 41.00           | 9,579             | 53.50           | 13,707            | 66.00           | 17,904            | 78.50           | 21,955            |
| 41.25           | 9,659             | 53.75           | 13,791            | 66.25           | 17,988            | 78.75           | 22,033            |
| 41.50           | 9,740             | 54.00           | 13,875            | 66.50           | 18,071            | 79.00           | 22,111            |
| 41.75           | 9,821             | 54.25           | 13,959            | 66.75           | 18,154            | 79.25           | 22,189            |
| 42.00           | 9,901             | 54.50           | 14,043            | 67.00           | 18,237            | 79.50           | 22,266            |
| 42.25           | 9,982             | 54.75           | 14,127            | 67.25           | 18,320            | 79.75           | 22,344            |
| 42.50           | 10,063            | 55.00           | 14,211            | 67.50           | 18,403            | 80.00           | 22,421            |
| 42.75           | 10,144            | 55.25           | 14,295            | 67.75           | 18,485            | 80.25           | 22,498            |
| 43.00           | 10,226            | 55.50           | 14,379            | 68.00           | 18,568            | 80.50           | 22,575            |
| 43.25           | 10,307            | 55.75           | 14,464            | 68.25           | 18,651            | 80.75           | 22,652            |
| 43.50           | 10,388            | 56.00           | 14,548            | 68.50           | 18,733            | 81.00           | 22,728            |
| 43.75           | 10,470            | 56.25           | 14,632            | 68.75           | 18,816            | 81.25           | 22,804            |
| 44.00           | 10,552            | 56.50           | 14,716            | 69.00           | 18,898            | 81.50           | 22,881            |
| 44.25           | 10,633            | 56.75           | 14,800            | 69.25           | 18,981            | 81.75           | 22,957            |
| 44.50           | 10,715            | 57.00           | 14,884            | 69.50           | 19,063            | 82.00           | 23,032            |
| 44.75           | 10,797            | 57.25           | 14,969            | 69.75           | 19,145            | 82.25           | 23,108            |
| 45.00           | 10,879            | 57.50           | 15,053            | 70.00           | 19,227            | 82.50           | 23,183            |
| 45.25           | 10,961            | 57.75           | 15,137            | 70.25           | 19,309            | 82.75           | 23,259            |
| 45.50           | 11,043            | 58.00           | 15,221            | 70.50           | 19,391            | 83.00           | 23,334            |
| 45.75           | 11,126            | 58.25           | 15,305            | 70.75           | 19,473            | 83.25           | 23,409            |
| 46.00           | 11,208            | 58.50           | 15,390            | 71.00           | 19,555            | 83.50           | 23,483            |
| 46.25           | 11,290            | 58.75           | 15,474            | 71.25           | 19,636            | 83.75           | 23,558            |
| 46.50           | 11,373            | 59.00           | 15,558            | 71.50           | 19,718            | 84.00           | 23,632            |
| 46.75           | 11,455            | 59.25           | 15,642            | 71.75           | 19,799            | 84.25           | 23,706            |
| 47.00           | 11,538            | 59.50           | 15,726            | 72.00           | 19,881            | 84.50           | 23,780            |
| 47.25           | 11,621            | 59.75           | 15,810            | 72.25           | 19,962            | 84.75           | 23,854            |
| 47.50           | 11,703            | 60.00           | 15,894            | 72.50           | 20,043            | 85.00           | 23,927            |
| 47.75           | 11,786            | 60.25           | 15,979            | 72.75           | 20,124            | 85.25           | 24,001            |
| 48.00           | 11,869            | 60.50           | 16,063            | 73.00           | 20,205            | 85.50           | 24,074            |
| 48.25           | 11,952            | 60.75           | 16,147            | 73.25           | 20,286            | 85.75           | 24,147            |
| 48.50           | 12,035            | 61.00           | 16,231            | 73.50           | 20,367            | 86.00           | 24,219            |
| 48.75           | 12,118            | 61.25           | 16,315            | 73.75           | 20,447            | 86.25           | 24,292            |
| 49.00           | 12,202            | 61.50           | 16,399            | 74.00           | 20,528            | 86.50           | 24,364            |
| 49.25           | 12,285            | 61.75           | 16,483            | 74.25           | 20,608            | 86.75           | 24,436            |
| 49.50           | 12,368            | 62.00           | 16,567            | 74.50           | 20,689            | 87.00           | 24,508            |
| 49.75           | 12,451            | 62.25           | 16,651            | 74.75           | 20,769            | 87.25           | 24,579            |
| 50.00           | 12,535            | 62.50           | 16,734            | 75.00           | 20,849            | 87.50           | 24,651            |
| 50.25           | 12,618            | 62.75           | 16,818            | 75.25           | 20,929            | 87.75           | 24,722            |
| 50.50           | 12,702            | 63.00           | 16,902            | 75.50           | 21,009            | 88.00           | 24,792            |
| 50.75           | 12,785            | 63.25           | 16,986            | 75.75           | 21,088            | 88.25           | 24,863            |
| 51.00           | 12,869            | 63.50           | 17,070            | 76.00           | 21,168            | 88.50           | 24,933            |
| 51.25           | 12,952            | 63.75           | 17,153            | 76.25           | 21,247            | 88.75           | 25,004            |
| 51.50           | 13,036            | 64.00           | 17,237            | 76.50           | 21,326            | 89.00           | 25,073            |
| 51.75           | 13,120            | 64.25           | 17,321            | 76.75           | 21,405            | 89.25           | 25,143            |
| 52.00           | 13,204            | 64.50           | 17,404            | 77.00           | 21,484            | 89.50           | 25,212            |
| 52.25           | 13,287            | 64.75           | 17,488            | 77.25           | 21,563            | 89.75           | 25,282            |
| 52.50           | 13,371            | 65.00           | 17,571            | 77.50           | 21,642            | 90.00           | 25,350            |

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| DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS |
|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|
| 90.25           | 25,419            | 102.75          | 28,443            | 115.25          | 30,144            |
| 90.50           | 25,487            | 103.00          | 28,494            | 115.50          | 30,147            |
| 90.75           | 25,555            | 103.25          | 28,544            | 115.75          | 30,149            |
| 91.00           | 25,623            | 103.50          | 28,593            | 116.00          | 30,149            |
| 91.25           | 25,691            | 103.75          | 28,642            |                 |                   |
| 91.50           | 25,758            | 104.00          | 28,691            |                 |                   |
| 91.75           | 25,825            | 104.25          | 28,739            |                 |                   |
| 92.00           | 25,892            | 104.50          | 28,787            |                 |                   |
| 92.25           | 25,958            | 104.75          | 28,834            |                 |                   |
| 92.50           | 26,024            | 105.00          | 28,880            |                 |                   |
| 92.75           | 26,090            | 105.25          | 28,926            |                 |                   |
| 93.00           | 26,155            | 105.50          | 28,972            |                 |                   |
| 93.25           | 26,221            | 105.75          | 29,017            |                 |                   |
| 93.50           | 26,286            | 106.00          | 29,061            |                 |                   |
| 93.75           | 26,350            | 106.25          | 29,105            |                 |                   |
| 94.00           | 26,415            | 106.50          | 29,148            |                 |                   |
| 94.25           | 26,479            | 106.75          | 29,191            |                 |                   |
| 94.50           | 26,542            | 107.00          | 29,233            |                 |                   |
| 94.75           | 26,606            | 107.25          | 29,274            |                 |                   |
| 95.00           | 26,669            | 107.50          | 29,315            |                 |                   |
| 95.25           | 26,732            | 107.75          | 29,355            |                 |                   |
| 95.50           | 26,794            | 108.00          | 29,395            |                 |                   |
| 95.75           | 26,856            | 108.25          | 29,434            |                 |                   |
| 96.00           | 26,918            | 108.50          | 29,472            |                 |                   |
| 96.25           | 26,979            | 108.75          | 29,509            |                 |                   |
| 96.50           | 27,040            | 109.00          | 29,546            |                 |                   |
| 96.75           | 27,101            | 109.25          | 29,582            |                 |                   |
| 97.00           | 27,161            | 109.50          | 29,617            |                 |                   |
| 97.25           | 27,221            | 109.75          | 29,652            |                 |                   |
| 97.50           | 27,281            | 110.00          | 29,686            |                 |                   |
| 97.75           | 27,340            | 110.25          | 29,719            |                 |                   |
| 98.00           | 27,399            | 110.50          | 29,751            |                 |                   |
| 98.25           | 27,458            | 110.75          | 29,782            |                 |                   |
| 98.50           | 27,516            | 111.00          | 29,812            |                 |                   |
| 98.75           | 27,574            | 111.25          | 29,842            |                 |                   |
| 99.00           | 27,631            | 111.50          | 29,871            |                 |                   |
| 99.25           | 27,688            | 111.75          | 29,898            |                 |                   |
| 99.50           | 27,745            | 112.00          | 29,925            |                 |                   |
| 99.75           | 27,801            | 112.25          | 29,951            |                 |                   |
| 100.00          | 27,857            | 112.50          | 29,975            |                 |                   |
| 100.25          | 27,912            | 112.75          | 29,998            |                 |                   |
| 100.50          | 27,967            | 113.00          | 30,021            |                 |                   |
| 100.75          | 28,022            | 113.25          | 30,042            |                 |                   |
| 101.00          | 28,076            | 113.50          | 30,061            |                 |                   |
| 101.25          | 28,130            | 113.75          | 30,079            |                 |                   |
| 101.50          | 28,183            | 114.00          | 30,096            |                 |                   |
| 101.75          | 28,236            | 114.25          | 30,110            |                 |                   |
| 102.00          | 28,288            | 114.50          | 30,122            |                 |                   |
| 102.25          | 28,340            | 114.75          | 30,132            |                 |                   |
| 102.50          | 28,392            | 115.00          | 30,139            |                 |                   |