

# TEXANA TANK CAR & MFG., LTD.

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Page 1

Tank style: Straight-top, sloping-bottom tank  
 Shell-full capacity: 30,154 Gal.  
 Specification: DOT 111A100W1  
 Internal components (gal): 0  
 Lining thickness (in): 0.0  
 Printed by: R. CALVIT

Gage Table No. TJRX 30062  
 Gage table date: 3/15/2001  
 Head Diameter: 114.3265 in.  
 Center diameter: 116.0573 in.  
 Manway volume (gal): 0  
 Printed on: 3/15/2001

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           | 6,403             |
| 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           | 3,827             | 31.50           | 6,626             |
| 1.75            | 91                | 11.75           | 1,574             | 21.75           | 3,891             | 31.75           | 6,700             |
| 2.00            | 111               | 12.00           | 1,624             | 22.00           | 3,957             | 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           | 7,001             |
| 3.00            | 204               | 13.00           | 1,829             | 23.00           | 4,220             | 33.00           | 7,076             |
| 3.25            | 231               | 13.25           | 1,881             | 23.25           | 4,287             | 33.25           | 7,152             |
| 3.50            | 258               | 13.50           | 1,934             | 23.50           | 4,354             | 33.50           | 7,228             |
| 3.75            | 286               | 13.75           | 1,987             | 23.75           | 4,421             | 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           | 7,457             |
| 4.50            | 376               | 14.50           | 2,149             | 24.50           | 4,624             | 34.50           | 7,533             |
| 4.75            | 408               | 14.75           | 2,204             | 24.75           | 4,692             | 34.75           | 7,610             |
| 5.00            | 440               | 15.00           | 2,259             | 25.00           | 4,761             | 35.00           | 7,687             |
| 5.25            | 474               | 15.25           | 2,315             | 25.25           | 4,829             | 35.25           | 7,764             |
| 5.50            | 508               | 15.50           | 2,371             | 25.50           | 4,898             | 35.50           | 7,842             |
| 5.75            | 543               | 15.75           | 2,427             | 25.75           | 4,968             | 35.75           | 7,919             |
| 6.00            | 578               | 16.00           | 2,484             | 26.00           | 5,037             | 36.00           | 7,997             |
| 6.25            | 615               | 16.25           | 2,541             | 26.25           | 5,107             | 36.25           | 8,075             |
| 6.50            | 652               | 16.50           | 2,599             | 26.50           | 5,177             | 36.50           | 8,153             |
| 6.75            | 690               | 16.75           | 2,657             | 26.75           | 5,247             | 36.75           | 8,231             |
| 7.00            | 728               | 17.00           | 2,715             | 27.00           | 5,318             | 37.00           | 8,309             |
| 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           | 8,466             |
| 7.75            | 848               | 17.75           | 2,893             | 27.75           | 5,531             | 37.75           | 8,544             |
| 8.00            | 889               | 18.00           | 2,953             | 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           | 5,746             | 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           | 8,940             |
| 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           | 6,036             | 39.50           | 9,099             |
| 9.75            | 1,193             | 19.75           | 3,382             | 29.75           | 6,109             | 39.75           | 9,179             |
| 10.00           | 1,239             | 20.00           | 3,444             | 30.00           | 6,182             | 40.00           | 9,259             |

# TEXANA TANK CAR & MFG., LTD.

GagePro II© Version 3/14/1999

Page 2

Gage Table No. TJRX 30062

| 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           | 9,339             | 52.75           | 13,456            | 65.25           | 17,656            | 77.75           | 21,722            |
| 40.50           | 9,419             | 53.00           | 13,540            | 65.50           | 17,739            | 78.00           | 21,801            |
| 40.75           | 9,499             | 53.25           | 13,624            | 65.75           | 17,822            | 78.25           | 21,879            |
| 41.00           | 9,579             | 53.50           | 13,708            | 66.00           | 17,906            | 78.50           | 21,957            |
| 41.25           | 9,660             | 53.75           | 13,792            | 66.25           | 17,989            | 78.75           | 22,035            |
| 41.50           | 9,740             | 54.00           | 13,876            | 66.50           | 18,072            | 79.00           | 22,113            |
| 41.75           | 9,821             | 54.25           | 13,960            | 66.75           | 18,155            | 79.25           | 22,191            |
| 42.00           | 9,902             | 54.50           | 14,044            | 67.00           | 18,238            | 79.50           | 22,268            |
| 42.25           | 9,983             | 54.75           | 14,128            | 67.25           | 18,321            | 79.75           | 22,345            |
| 42.50           | 10,064            | 55.00           | 14,212            | 67.50           | 18,404            | 80.00           | 22,423            |
| 42.75           | 10,145            | 55.25           | 14,296            | 67.75           | 18,487            | 80.25           | 22,500            |
| 43.00           | 10,226            | 55.50           | 14,380            | 68.00           | 18,569            | 80.50           | 22,577            |
| 43.25           | 10,308            | 55.75           | 14,464            | 68.25           | 18,652            | 80.75           | 22,653            |
| 43.50           | 10,389            | 56.00           | 14,549            | 68.50           | 18,735            | 81.00           | 22,730            |
| 43.75           | 10,471            | 56.25           | 14,633            | 68.75           | 18,817            | 81.25           | 22,806            |
| 44.00           | 10,552            | 56.50           | 14,717            | 69.00           | 18,900            | 81.50           | 22,882            |
| 44.25           | 10,634            | 56.75           | 14,801            | 69.25           | 18,982            | 81.75           | 22,958            |
| 44.50           | 10,716            | 57.00           | 14,885            | 69.50           | 19,064            | 82.00           | 23,034            |
| 44.75           | 10,798            | 57.25           | 14,970            | 69.75           | 19,146            | 82.25           | 23,110            |
| 45.00           | 10,880            | 57.50           | 15,054            | 70.00           | 19,229            | 82.50           | 23,185            |
| 45.25           | 10,962            | 57.75           | 15,138            | 70.25           | 19,311            | 82.75           | 23,261            |
| 45.50           | 11,044            | 58.00           | 15,222            | 70.50           | 19,393            | 83.00           | 23,336            |
| 45.75           | 11,126            | 58.25           | 15,306            | 70.75           | 19,474            | 83.25           | 23,411            |
| 46.00           | 11,208            | 58.50           | 15,391            | 71.00           | 19,556            | 83.50           | 23,485            |
| 46.25           | 11,291            | 58.75           | 15,475            | 71.25           | 19,638            | 83.75           | 23,560            |
| 46.50           | 11,373            | 59.00           | 15,559            | 71.50           | 19,719            | 84.00           | 23,634            |
| 46.75           | 11,456            | 59.25           | 15,643            | 71.75           | 19,801            | 84.25           | 23,708            |
| 47.00           | 11,539            | 59.50           | 15,727            | 72.00           | 19,882            | 84.50           | 23,782            |
| 47.25           | 11,621            | 59.75           | 15,811            | 72.25           | 19,963            | 84.75           | 23,856            |
| 47.50           | 11,704            | 60.00           | 15,895            | 72.50           | 20,045            | 85.00           | 23,929            |
| 47.75           | 11,787            | 60.25           | 15,980            | 72.75           | 20,126            | 85.25           | 24,003            |
| 48.00           | 11,870            | 60.50           | 16,064            | 73.00           | 20,207            | 85.50           | 24,076            |
| 48.25           | 11,953            | 60.75           | 16,148            | 73.25           | 20,288            | 85.75           | 24,149            |
| 48.50           | 12,036            | 61.00           | 16,232            | 73.50           | 20,368            | 86.00           | 24,221            |
| 48.75           | 12,119            | 61.25           | 16,316            | 73.75           | 20,449            | 86.25           | 24,294            |
| 49.00           | 12,202            | 61.50           | 16,400            | 74.00           | 20,529            | 86.50           | 24,366            |
| 49.25           | 12,285            | 61.75           | 16,484            | 74.25           | 20,610            | 86.75           | 24,438            |
| 49.50           | 12,369            | 62.00           | 16,568            | 74.50           | 20,690            | 87.00           | 24,510            |
| 49.75           | 12,452            | 62.25           | 16,652            | 74.75           | 20,770            | 87.25           | 24,581            |
| 50.00           | 12,536            | 62.50           | 16,736            | 75.00           | 20,850            | 87.50           | 24,653            |
| 50.25           | 12,619            | 62.75           | 16,819            | 75.25           | 20,930            | 87.75           | 24,724            |
| 50.50           | 12,702            | 63.00           | 16,903            | 75.50           | 21,010            | 88.00           | 24,795            |
| 50.75           | 12,786            | 63.25           | 16,987            | 75.75           | 21,090            | 88.25           | 24,865            |
| 51.00           | 12,870            | 63.50           | 17,071            | 76.00           | 21,169            | 88.50           | 24,936            |
| 51.25           | 12,953            | 63.75           | 17,154            | 76.25           | 21,249            | 88.75           | 25,006            |
| 51.50           | 13,037            | 64.00           | 17,238            | 76.50           | 21,328            | 89.00           | 25,076            |
| 51.75           | 13,121            | 64.25           | 17,322            | 76.75           | 21,407            | 89.25           | 25,145            |
| 52.00           | 13,204            | 64.50           | 17,405            | 77.00           | 21,486            | 89.50           | 25,215            |
| 52.25           | 13,288            | 64.75           | 17,489            | 77.25           | 21,565            | 89.75           | 25,284            |
| 52.50           | 13,372            | 65.00           | 17,572            | 77.50           | 21,644            | 90.00           | 25,353            |

# TEXANA TANK CAR & MFG., LTD.

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Page 3

Gage Table No. TJRX 30062

| DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS | DIST.<br>INCHES | OUTAGE<br>GALLONS |
|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|
| 90.25           | 25,421            | 102.75          | 28,446            | 115.25          | 30,149            |
| 90.50           | 25,489            | 103.00          | 28,497            | 115.50          | 30,152            |
| 90.75           | 25,558            | 103.25          | 28,547            | 115.75          | 30,154            |
| 91.00           | 25,625            | 103.50          | 28,596            | 116.00          | 30,154            |
| 91.25           | 25,693            | 103.75          | 28,645            |                 |                   |
| 91.50           | 25,760            | 104.00          | 28,694            |                 |                   |
| 91.75           | 25,827            | 104.25          | 28,742            |                 |                   |
| 92.00           | 25,894            | 104.50          | 28,790            |                 |                   |
| 92.25           | 25,960            | 104.75          | 28,837            |                 |                   |
| 92.50           | 26,026            | 105.00          | 28,884            |                 |                   |
| 92.75           | 26,092            | 105.25          | 28,930            |                 |                   |
| 93.00           | 26,158            | 105.50          | 28,975            |                 |                   |
| 93.25           | 26,223            | 105.75          | 29,020            |                 |                   |
| 93.50           | 26,288            | 106.00          | 29,064            |                 |                   |
| 93.75           | 26,353            | 106.25          | 29,108            |                 |                   |
| 94.00           | 26,417            | 106.50          | 29,152            |                 |                   |
| 94.25           | 26,481            | 106.75          | 29,194            |                 |                   |
| 94.50           | 26,545            | 107.00          | 29,236            |                 |                   |
| 94.75           | 26,608            | 107.25          | 29,278            |                 |                   |
| 95.00           | 26,671            | 107.50          | 29,318            |                 |                   |
| 95.25           | 26,734            | 107.75          | 29,359            |                 |                   |
| 95.50           | 26,796            | 108.00          | 29,398            |                 |                   |
| 95.75           | 26,858            | 108.25          | 29,437            |                 |                   |
| 96.00           | 26,920            | 108.50          | 29,475            |                 |                   |
| 96.25           | 26,982            | 108.75          | 29,513            |                 |                   |
| 96.50           | 27,043            | 109.00          | 29,549            |                 |                   |
| 96.75           | 27,103            | 109.25          | 29,586            |                 |                   |
| 97.00           | 27,164            | 109.50          | 29,621            |                 |                   |
| 97.25           | 27,224            | 109.75          | 29,655            |                 |                   |
| 97.50           | 27,284            | 110.00          | 29,689            |                 |                   |
| 97.75           | 27,343            | 110.25          | 29,722            |                 |                   |
| 98.00           | 27,402            | 110.50          | 29,754            |                 |                   |
| 98.25           | 27,460            | 110.75          | 29,786            |                 |                   |
| 98.50           | 27,519            | 111.00          | 29,816            |                 |                   |
| 98.75           | 27,576            | 111.25          | 29,846            |                 |                   |
| 99.00           | 27,634            | 111.50          | 29,874            |                 |                   |
| 99.25           | 27,691            | 111.75          | 29,902            |                 |                   |
| 99.50           | 27,748            | 112.00          | 29,929            |                 |                   |
| 99.75           | 27,804            | 112.25          | 29,954            |                 |                   |
| 100.00          | 27,860            | 112.50          | 29,979            |                 |                   |
| 100.25          | 27,915            | 112.75          | 30,002            |                 |                   |
| 100.50          | 27,970            | 113.00          | 30,025            |                 |                   |
| 100.75          | 28,025            | 113.25          | 30,046            |                 |                   |
| 101.00          | 28,079            | 113.50          | 30,065            |                 |                   |
| 101.25          | 28,133            | 113.75          | 30,083            |                 |                   |
| 101.50          | 28,186            | 114.00          | 30,100            |                 |                   |
| 101.75          | 28,239            | 114.25          | 30,114            |                 |                   |
| 102.00          | 28,291            | 114.50          | 30,127            |                 |                   |
| 102.25          | 28,343            | 114.75          | 30,136            |                 |                   |
| 102.50          | 28,395            | 115.00          | 30,144            |                 |                   |