

Solution

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|-----|-------------|---------|------------|--------------------------|
| | PPI_TL | 138.6 | Jul 18 (P) | Prod Price Index for TL |
| | PPI_LTL | 182.9 | Jul 18 (P) | Prod Price Index for LTL |
| | Kwt | 25 | ton | Physical weight capacity |
| | Kcu | 2750 | ft^3 | Effective cube capacity |
| | unit cube | 6 | ft^3 | |
| | unit weight | 67 | lb | |
| | s | 11.1667 | lb/ft^3 | Density |
| | d | 688 | mi | Distance |
| | r | 2.6991 | \$/mi | TL rev per loaded tr-mi |
| (1) | qmax | 15.3542 | ton | Max payload |
| | no. units | 40 | | |
| | qTL | 1.34 | ton | |
| (2) | nTL | 1 | | |
| (3) | cTL | 1857.00 | \$ | |
| | qLTL | 1.34 | ton | |
| | rLTL | 1.2396 | \$/ton-mi | |
| (4) | cLTL | 1142.77 | \$ | |
| (5) | TL or LTL | LTL | | =IF(cLTL<cTL,"LTL","TL") |
| (6) | MC_TL | 60.73 | \$ | Min charge TL |
| (7) | MC_LTL | 95.40 | \$ | Min charge LTL |