# Results for h80d60.csv

## max\_vehicles = 5

**Total distance = 1356.04**Vehicle total idle time = 0.00  
Customer total wait time = 45780.90

## max\_vehicles = 6

**Total distance = 1448.64**Vehicle total idle time = 0.00  
Customer total wait time = 44350.52

## max\_vehicles = 7

**Total distance = 1635.07**Vehicle total idle time = 0.00  
Customer total wait time = 46291.83

## max\_vehicles = 8

**Total distance = 1650.61**Vehicle total idle time = 0.00  
Customer total wait time = 41974.15

## Summary of total distances

• max\_vehicles = 5 → total\_distance = 1356.04

• max\_vehicles = 6 → total\_distance = 1448.64

• max\_vehicles = 7 → total\_distance = 1635.07

• max\_vehicles = 8 → total\_distance = 1650.61

=== Processing h80d20.csv ===

--- Training with max\_vehicles = 5 ---

Ep 1/50 | Reward 6367.43 | Loss 1411724443.13 | Dist 1398.30 | Vehl 5

Vehicle 0: Route=[0, 52, 53, 50, 22, 18, 21, 41, 44, 29, 31, 33, 1, 36, 37, 2, 5, 60, 38, 11, 59, 39, 14, 16, 17, 46, 43, 7, 8, 75, 0], Distance=354.02, RemCap=2.0

Vehicle 1: Route=[0, 70, 26, 56, 27, 28, 30, 35, 55, 63, 6, 10, 78, 69, 40, 66, 0], Distance=269.74, RemCap=177.0

Vehicle 2: Route=[0, 74, 77, 12, 13, 51, 24, 49, 34, 3, 62, 58, 9, 67, 0], Distance=299.61, RemCap=282.0

Vehicle 3: Route=[0, 54, 4, 64, 32, 57, 19, 25, 65, 15, 72, 68, 79, 0], Distance=254.23, RemCap=264.0

Vehicle 4: Route=[0, 61, 23, 20, 42, 73, 45, 71, 80, 47, 48, 76, 0], Distance=220.70, RemCap=342.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31276.74

--------------------------------------------------

Ep 2/50 | Reward 5749.58 | Loss 1108886288.25 | Dist 1415.44 | Vehl 5

Vehicle 0: Route=[0, 45, 26, 23, 21, 19, 22, 50, 12, 13, 40, 17, 46, 43, 59, 47, 7, 38, 11, 60, 5, 36, 4, 3, 49, 34, 31, 27, 30, 57, 0], Distance=331.33, RemCap=0.0

Vehicle 1: Route=[0, 54, 35, 32, 44, 70, 41, 25, 73, 51, 14, 15, 69, 78, 10, 9, 62, 2, 71, 0], Distance=283.22, RemCap=174.0

Vehicle 2: Route=[0, 52, 79, 6, 68, 74, 16, 65, 18, 24, 61, 56, 33, 64, 0], Distance=259.51, RemCap=220.0

Vehicle 3: Route=[0, 66, 75, 76, 37, 1, 55, 29, 20, 39, 67, 80, 0], Distance=287.16, RemCap=347.0

Vehicle 4: Route=[0, 28, 63, 48, 58, 8, 53, 42, 77, 72, 0], Distance=254.22, RemCap=326.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36856.41

--------------------------------------------------

Ep 3/50 | Reward 5745.79 | Loss 1083293061.42 | Dist 1371.51 | Vehl 5

Vehicle 0: Route=[0, 41, 26, 19, 18, 24, 25, 42, 15, 14, 53, 46, 43, 10, 11, 38, 8, 48, 6, 5, 37, 49, 34, 31, 28, 30, 32, 57, 56, 0], Distance=321.65, RemCap=1.0

Vehicle 1: Route=[0, 44, 33, 64, 21, 23, 61, 51, 13, 59, 72, 74, 66, 60, 58, 63, 3, 4, 76, 0], Distance=311.83, RemCap=169.0

Vehicle 2: Route=[0, 79, 55, 29, 35, 2, 75, 67, 78, 17, 40, 50, 22, 70, 73, 0], Distance=271.52, RemCap=303.0

Vehicle 3: Route=[0, 54, 36, 27, 20, 45, 65, 39, 77, 80, 7, 68, 0], Distance=273.49, RemCap=294.0

Vehicle 4: Route=[0, 1, 62, 9, 47, 71, 52, 16, 12, 69, 0], Distance=193.02, RemCap=300.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33064.91

--------------------------------------------------

Ep 4/50 | Reward 6481.05 | Loss 1516791371.87 | Dist 1390.07 | Vehl 5

Vehicle 0: Route=[0, 53, 45, 51, 42, 12, 15, 40, 43, 59, 10, 9, 58, 60, 48, 6, 4, 1, 35, 34, 31, 30, 32, 54, 56, 21, 19, 18, 22, 24, 25, 61, 0], Distance=365.57, RemCap=13.0

Vehicle 1: Route=[0, 66, 44, 29, 3, 36, 76, 5, 8, 7, 74, 52, 46, 16, 80, 77, 69, 0], Distance=260.10, RemCap=203.0

Vehicle 2: Route=[0, 64, 70, 23, 20, 50, 17, 72, 11, 38, 63, 62, 0], Distance=259.12, RemCap=305.0

Vehicle 3: Route=[0, 49, 57, 33, 55, 37, 79, 68, 47, 13, 14, 73, 65, 0], Distance=238.57, RemCap=266.0

Vehicle 4: Route=[0, 71, 67, 75, 2, 28, 27, 26, 41, 39, 78, 0], Distance=266.71, RemCap=280.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26822.55

--------------------------------------------------

Ep 5/50 | Reward 6517.15 | Loss 1447303308.91 | Dist 1485.08 | Vehl 5

Vehicle 0: Route=[0, 45, 42, 41, 18, 19, 56, 57, 27, 34, 32, 44, 49, 1, 4, 2, 5, 58, 60, 10, 7, 43, 46, 13, 12, 15, 77, 0], Distance=354.93, RemCap=0.0

Vehicle 1: Route=[0, 52, 71, 54, 36, 37, 62, 8, 80, 17, 39, 65, 22, 21, 23, 28, 33, 70, 73, 0], Distance=322.47, RemCap=202.0

Vehicle 2: Route=[0, 30, 31, 29, 20, 25, 16, 53, 75, 9, 11, 68, 74, 78, 47, 72, 0], Distance=277.58, RemCap=230.0

Vehicle 3: Route=[0, 79, 35, 3, 6, 48, 67, 59, 61, 26, 24, 40, 69, 0], Distance=300.67, RemCap=308.0

Vehicle 4: Route=[0, 66, 38, 51, 14, 50, 64, 55, 63, 76, 0], Distance=229.42, RemCap=327.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31379.31

--------------------------------------------------

Ep 6/50 | Reward 5818.66 | Loss 1149927564.34 | Dist 1316.58 | Vehl 5

Vehicle 0: Route=[0, 54, 52, 45, 16, 17, 12, 39, 15, 59, 47, 38, 11, 58, 6, 55, 49, 34, 31, 27, 29, 30, 44, 23, 19, 20, 24, 26, 41, 61, 0], Distance=341.57, RemCap=3.0

Vehicle 1: Route=[0, 18, 21, 56, 57, 28, 33, 4, 63, 37, 75, 60, 10, 67, 74, 46, 13, 69, 78, 0], Distance=310.77, RemCap=113.0

Vehicle 2: Route=[0, 32, 1, 3, 36, 68, 7, 80, 14, 40, 65, 42, 73, 51, 71, 0], Distance=211.96, RemCap=242.0

Vehicle 3: Route=[0, 53, 50, 64, 2, 5, 76, 8, 66, 79, 0], Distance=195.50, RemCap=325.0

Vehicle 4: Route=[0, 70, 25, 22, 35, 48, 62, 9, 72, 43, 77, 0], Distance=256.77, RemCap=384.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32808.51

--------------------------------------------------

Ep 7/50 | Reward 5824.30 | Loss 1137500189.01 | Dist 1325.96 | Vehl 5

Vehicle 0: Route=[0, 52, 23, 21, 19, 22, 50, 15, 16, 17, 46, 47, 74, 8, 9, 38, 11, 58, 48, 54, 49, 44, 57, 29, 27, 28, 31, 34, 3, 36, 37, 76, 0], Distance=339.92, RemCap=0.0

Vehicle 1: Route=[0, 45, 41, 26, 18, 24, 12, 13, 77, 78, 71, 72, 67, 7, 62, 1, 63, 0], Distance=264.38, RemCap=129.0

Vehicle 2: Route=[0, 70, 51, 42, 65, 40, 43, 80, 59, 10, 6, 2, 35, 75, 0], Distance=273.41, RemCap=302.0

Vehicle 3: Route=[0, 79, 5, 60, 66, 53, 39, 73, 61, 25, 20, 30, 64, 0], Distance=246.70, RemCap=303.0

Vehicle 4: Route=[0, 56, 32, 33, 55, 4, 68, 14, 69, 0], Distance=201.55, RemCap=333.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31818.52

--------------------------------------------------

Ep 8/50 | Reward 6125.31 | Loss 1268617109.46 | Dist 1343.20 | Vehl 5

Vehicle 0: Route=[0, 49, 30, 29, 27, 56, 23, 19, 18, 20, 22, 42, 13, 39, 15, 77, 59, 47, 14, 45, 51, 46, 43, 10, 9, 58, 6, 5, 37, 2, 55, 79, 0], Distance=367.22, RemCap=0.0

Vehicle 1: Route=[0, 48, 36, 34, 33, 32, 26, 25, 61, 12, 71, 74, 72, 11, 38, 68, 0], Distance=269.32, RemCap=245.0

Vehicle 2: Route=[0, 52, 53, 64, 28, 31, 1, 3, 62, 60, 75, 80, 17, 65, 24, 41, 70, 0], Distance=265.48, RemCap=178.0

Vehicle 3: Route=[0, 78, 16, 50, 44, 57, 35, 63, 66, 0], Distance=201.64, RemCap=333.0

Vehicle 4: Route=[0, 7, 67, 8, 76, 4, 54, 21, 73, 40, 69, 0], Distance=239.53, RemCap=311.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32199.37

--------------------------------------------------

Ep 9/50 | Reward 5597.29 | Loss 1042747133.08 | Dist 1364.10 | Vehl 5

Vehicle 0: Route=[0, 44, 24, 22, 20, 18, 23, 57, 29, 28, 35, 33, 37, 6, 5, 66, 75, 48, 60, 9, 10, 67, 8, 43, 46, 17, 14, 40, 12, 15, 59, 78, 0], Distance=362.70, RemCap=8.0

Vehicle 1: Route=[0, 54, 34, 1, 4, 63, 7, 72, 74, 52, 73, 42, 16, 13, 65, 25, 19, 56, 70, 0], Distance=289.82, RemCap=102.0

Vehicle 2: Route=[0, 79, 3, 36, 58, 47, 80, 77, 39, 71, 26, 27, 31, 64, 0], Distance=296.09, RemCap=290.0

Vehicle 3: Route=[0, 51, 41, 21, 30, 55, 62, 11, 38, 68, 0], Distance=203.00, RemCap=310.0

Vehicle 4: Route=[0, 49, 32, 76, 2, 53, 69, 50, 45, 61, 0], Distance=212.49, RemCap=357.0

Total vehicle waiting time = 181.66

Total customer waiting time = 35475.31

--------------------------------------------------

Ep 10/50 | Reward 6036.65 | Loss 1221284767.59 | Dist 1336.43 | Vehl 5

Vehicle 0: Route=[0, 54, 32, 30, 28, 31, 33, 4, 5, 6, 48, 58, 11, 9, 7, 52, 53, 46, 43, 59, 15, 39, 12, 17, 14, 20, 18, 19, 23, 61, 0], Distance=352.34, RemCap=10.0

Vehicle 1: Route=[0, 73, 41, 25, 24, 44, 49, 29, 27, 34, 1, 63, 8, 68, 47, 80, 71, 66, 0], Distance=261.77, RemCap=168.0

Vehicle 2: Route=[0, 51, 16, 77, 13, 65, 70, 57, 79, 2, 36, 60, 38, 72, 74, 0], Distance=247.24, RemCap=225.0

Vehicle 3: Route=[0, 67, 10, 78, 22, 56, 64, 35, 55, 37, 76, 62, 0], Distance=264.61, RemCap=303.0

Vehicle 4: Route=[0, 45, 40, 69, 42, 50, 26, 21, 3, 75, 0], Distance=210.48, RemCap=361.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31012.32

--------------------------------------------------

Ep 11/50 | Reward 5920.61 | Loss 1105106137.07 | Dist 1329.49 | Vehl 5

Vehicle 0: Route=[0, 52, 51, 25, 20, 19, 57, 27, 31, 32, 49, 55, 3, 4, 36, 2, 48, 60, 8, 7, 10, 47, 46, 16, 13, 17, 0], Distance=313.80, RemCap=1.0

Vehicle 1: Route=[0, 1, 5, 62, 11, 38, 74, 43, 78, 69, 39, 40, 65, 24, 22, 21, 23, 26, 70, 0], Distance=237.28, RemCap=187.0

Vehicle 2: Route=[0, 72, 77, 15, 80, 71, 45, 41, 29, 28, 30, 33, 35, 63, 76, 0], Distance=268.97, RemCap=271.0

Vehicle 3: Route=[0, 66, 53, 59, 58, 6, 37, 79, 54, 34, 18, 61, 0], Distance=288.53, RemCap=316.0

Vehicle 4: Route=[0, 68, 67, 9, 75, 44, 64, 56, 50, 12, 14, 42, 73, 0], Distance=220.92, RemCap=292.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36133.96

--------------------------------------------------

Ep 12/50 | Reward 6348.15 | Loss 1372208755.33 | Dist 1347.66 | Vehl 5

Vehicle 0: Route=[0, 52, 53, 41, 21, 18, 20, 24, 50, 12, 39, 15, 43, 11, 60, 6, 5, 37, 4, 3, 1, 2, 55, 54, 49, 57, 33, 30, 28, 27, 29, 0], Distance=318.29, RemCap=1.0

Vehicle 1: Route=[0, 66, 48, 63, 36, 31, 64, 44, 56, 19, 23, 26, 45, 16, 17, 74, 68, 75, 0], Distance=257.02, RemCap=112.0

Vehicle 2: Route=[0, 62, 58, 10, 67, 7, 71, 77, 40, 42, 61, 32, 25, 65, 0], Distance=291.07, RemCap=280.0

Vehicle 3: Route=[0, 79, 8, 38, 47, 46, 69, 14, 51, 73, 22, 70, 34, 76, 0], Distance=278.69, RemCap=288.0

Vehicle 4: Route=[0, 35, 13, 80, 78, 59, 9, 72, 0], Distance=202.59, RemCap=386.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31045.28

--------------------------------------------------

Ep 13/50 | Reward 5880.12 | Loss 1180476202.94 | Dist 1306.61 | Vehl 5

Vehicle 0: Route=[0, 52, 43, 51, 13, 39, 15, 59, 47, 7, 10, 9, 75, 58, 5, 2, 3, 1, 55, 54, 49, 32, 35, 30, 27, 57, 23, 21, 19, 20, 22, 24, 73, 0], Distance=370.26, RemCap=0.0

Vehicle 1: Route=[0, 29, 33, 36, 6, 60, 72, 74, 80, 46, 14, 61, 71, 66, 0], Distance=235.15, RemCap=307.0

Vehicle 2: Route=[0, 34, 56, 70, 26, 25, 50, 65, 12, 16, 68, 38, 79, 0], Distance=222.90, RemCap=254.0

Vehicle 3: Route=[0, 64, 28, 31, 76, 8, 11, 67, 53, 45, 40, 17, 77, 0], Distance=241.05, RemCap=268.0

Vehicle 4: Route=[0, 44, 41, 18, 42, 69, 78, 48, 62, 37, 4, 63, 0], Distance=237.24, RemCap=238.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31320.51

--------------------------------------------------

Ep 14/50 | Reward 6564.24 | Loss 1466705791.67 | Dist 1409.62 | Vehl 5

Vehicle 0: Route=[0, 54, 55, 29, 31, 34, 1, 4, 36, 2, 5, 48, 60, 9, 11, 10, 47, 46, 16, 14, 39, 42, 50, 26, 21, 56, 44, 61, 0], Distance=321.76, RemCap=2.0

Vehicle 1: Route=[0, 79, 68, 67, 8, 62, 3, 64, 27, 23, 24, 25, 73, 45, 53, 17, 13, 15, 59, 78, 0], Distance=325.23, RemCap=125.0

Vehicle 2: Route=[0, 30, 57, 19, 22, 12, 77, 43, 72, 38, 58, 6, 63, 52, 66, 0], Distance=283.47, RemCap=294.0

Vehicle 3: Route=[0, 7, 69, 40, 65, 51, 70, 49, 32, 28, 33, 76, 0], Distance=247.57, RemCap=284.0

Vehicle 4: Route=[0, 41, 20, 18, 35, 37, 75, 71, 74, 80, 0], Distance=231.60, RemCap=362.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33718.84

--------------------------------------------------

Ep 15/50 | Reward 5960.74 | Loss 1207047295.03 | Dist 1301.11 | Vehl 5

Vehicle 0: Route=[0, 45, 42, 13, 12, 39, 59, 47, 43, 8, 10, 38, 58, 6, 5, 37, 36, 4, 1, 49, 35, 34, 27, 29, 23, 21, 19, 18, 20, 24, 26, 0], Distance=342.83, RemCap=0.0

Vehicle 1: Route=[0, 44, 56, 25, 61, 73, 40, 16, 17, 80, 74, 11, 60, 76, 33, 32, 75, 0], Distance=272.23, RemCap=259.0

Vehicle 2: Route=[0, 53, 46, 14, 15, 65, 50, 22, 70, 57, 54, 79, 62, 48, 66, 0], Distance=215.57, RemCap=266.0

Vehicle 3: Route=[0, 30, 64, 31, 2, 68, 7, 71, 51, 77, 78, 67, 0], Distance=230.24, RemCap=251.0

Vehicle 4: Route=[0, 52, 69, 41, 28, 55, 3, 63, 9, 72, 0], Distance=240.25, RemCap=291.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32869.56

--------------------------------------------------

Ep 16/50 | Reward 6102.99 | Loss 1228806286.00 | Dist 1416.60 | Vehl 5

Vehicle 0: Route=[0, 44, 57, 32, 28, 35, 33, 49, 54, 3, 2, 48, 60, 58, 10, 7, 59, 15, 39, 12, 40, 17, 46, 43, 52, 53, 45, 23, 19, 26, 61, 0], Distance=359.88, RemCap=1.0

Vehicle 1: Route=[0, 66, 47, 74, 8, 6, 37, 63, 36, 30, 56, 18, 22, 65, 42, 16, 69, 77, 0], Distance=298.97, RemCap=143.0

Vehicle 2: Route=[0, 79, 71, 13, 51, 73, 50, 25, 21, 70, 31, 34, 1, 62, 11, 67, 0], Distance=286.92, RemCap=219.0

Vehicle 3: Route=[0, 24, 20, 27, 64, 55, 4, 38, 9, 80, 0], Distance=238.94, RemCap=359.0

Vehicle 4: Route=[0, 75, 5, 76, 29, 41, 14, 78, 72, 68, 0], Distance=231.89, RemCap=345.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31507.96

--------------------------------------------------

Ep 17/50 | Reward 5791.96 | Loss 1077385139.42 | Dist 1444.29 | Vehl 5

Vehicle 0: Route=[0, 49, 30, 29, 27, 28, 35, 1, 4, 5, 48, 60, 9, 8, 7, 47, 59, 46, 17, 14, 13, 15, 24, 20, 23, 56, 57, 53, 51, 43, 75, 0], Distance=376.31, RemCap=6.0

Vehicle 1: Route=[0, 45, 21, 18, 25, 12, 78, 80, 79, 55, 64, 2, 37, 76, 38, 10, 67, 0], Distance=314.10, RemCap=214.0

Vehicle 2: Route=[0, 54, 66, 52, 71, 72, 16, 73, 22, 41, 70, 31, 34, 3, 6, 58, 62, 0], Distance=289.49, RemCap=189.0

Vehicle 3: Route=[0, 44, 33, 32, 19, 42, 39, 69, 77, 74, 11, 63, 0], Distance=254.25, RemCap=288.0

Vehicle 4: Route=[0, 61, 26, 50, 65, 40, 36, 68, 0], Distance=210.14, RemCap=370.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34319.54

--------------------------------------------------

Ep 18/50 | Reward 6383.92 | Loss 1388240414.18 | Dist 1385.16 | Vehl 5

Vehicle 0: Route=[0, 52, 45, 44, 32, 35, 34, 28, 57, 56, 41, 23, 21, 19, 20, 22, 39, 51, 43, 9, 38, 11, 58, 48, 54, 49, 2, 1, 3, 36, 37, 6, 76, 0], Distance=379.41, RemCap=5.0

Vehicle 1: Route=[0, 66, 5, 60, 8, 7, 10, 72, 71, 53, 47, 59, 78, 80, 14, 50, 70, 64, 0], Distance=286.34, RemCap=197.0

Vehicle 2: Route=[0, 74, 62, 55, 31, 27, 18, 25, 40, 13, 77, 73, 0], Distance=285.31, RemCap=262.0

Vehicle 3: Route=[0, 16, 15, 17, 46, 68, 67, 63, 33, 30, 79, 0], Distance=195.58, RemCap=281.0

Vehicle 4: Route=[0, 75, 4, 29, 26, 24, 61, 42, 69, 12, 65, 0], Distance=238.52, RemCap=322.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29338.52

--------------------------------------------------

Ep 19/50 | Reward 6568.11 | Loss 1516638681.89 | Dist 1371.00 | Vehl 5

Vehicle 0: Route=[0, 52, 7, 38, 58, 6, 5, 37, 36, 4, 3, 55, 49, 34, 27, 30, 32, 57, 44, 26, 23, 19, 18, 20, 24, 25, 41, 12, 40, 46, 43, 77, 0], Distance=358.84, RemCap=0.0

Vehicle 1: Route=[0, 71, 9, 11, 67, 74, 47, 80, 39, 13, 14, 45, 50, 21, 56, 28, 63, 66, 0], Distance=286.44, RemCap=172.0

Vehicle 2: Route=[0, 53, 51, 61, 22, 17, 15, 69, 59, 68, 8, 48, 79, 1, 64, 0], Distance=278.64, RemCap=245.0

Vehicle 3: Route=[0, 65, 73, 54, 33, 29, 31, 2, 72, 78, 0], Distance=244.53, RemCap=320.0

Vehicle 4: Route=[0, 16, 42, 70, 35, 76, 62, 60, 10, 75, 0], Distance=202.54, RemCap=330.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27303.97

--------------------------------------------------

Ep 20/50 | Reward 6111.64 | Loss 1266725306.68 | Dist 1266.79 | Vehl 5

Vehicle 0: Route=[0, 44, 56, 41, 26, 23, 20, 22, 24, 25, 50, 73, 14, 40, 13, 15, 16, 17, 53, 43, 10, 11, 38, 9, 48, 5, 3, 33, 30, 27, 29, 64, 0], Distance=309.02, RemCap=0.0

Vehicle 1: Route=[0, 45, 61, 65, 77, 74, 7, 8, 6, 4, 1, 35, 31, 28, 32, 66, 79, 0], Distance=247.85, RemCap=167.0

Vehicle 2: Route=[0, 54, 70, 21, 19, 42, 39, 51, 52, 71, 68, 58, 62, 37, 63, 0], Distance=239.70, RemCap=238.0

Vehicle 3: Route=[0, 57, 49, 55, 60, 67, 72, 78, 12, 46, 75, 0], Distance=197.34, RemCap=335.0

Vehicle 4: Route=[0, 2, 76, 36, 34, 18, 80, 47, 59, 69, 0], Distance=272.87, RemCap=327.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30020.01

--------------------------------------------------

Ep 21/50 | Reward 5830.60 | Loss 1104663392.10 | Dist 1389.65 | Vehl 5

Vehicle 0: Route=[0, 52, 51, 17, 16, 14, 40, 13, 15, 50, 24, 20, 18, 19, 26, 29, 27, 28, 49, 54, 1, 3, 36, 5, 58, 38, 47, 59, 46, 43, 75, 0], Distance=355.30, RemCap=0.0

Vehicle 1: Route=[0, 66, 79, 4, 31, 32, 57, 23, 22, 25, 41, 45, 53, 42, 69, 71, 68, 78, 0], Distance=313.96, RemCap=150.0

Vehicle 2: Route=[0, 34, 35, 44, 61, 12, 72, 7, 48, 76, 37, 63, 0], Distance=220.48, RemCap=314.0

Vehicle 3: Route=[0, 30, 64, 56, 70, 77, 11, 8, 2, 6, 62, 0], Distance=232.27, RemCap=310.0

Vehicle 4: Route=[0, 73, 39, 65, 21, 33, 55, 60, 9, 10, 67, 80, 74, 0], Distance=267.65, RemCap=293.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32384.76

--------------------------------------------------

Ep 22/50 | Reward 6157.69 | Loss 1280238034.94 | Dist 1348.75 | Vehl 5

Vehicle 0: Route=[0, 49, 30, 31, 28, 27, 29, 57, 56, 41, 26, 21, 20, 22, 25, 50, 12, 39, 15, 13, 17, 46, 43, 9, 48, 6, 5, 37, 2, 55, 75, 0], Distance=289.50, RemCap=2.0

Vehicle 1: Route=[0, 66, 7, 8, 10, 11, 58, 63, 4, 3, 54, 64, 23, 42, 40, 51, 73, 61, 70, 0], Distance=282.46, RemCap=161.0

Vehicle 2: Route=[0, 34, 33, 32, 24, 52, 71, 38, 67, 47, 59, 78, 69, 80, 0], Distance=273.54, RemCap=286.0

Vehicle 3: Route=[0, 53, 19, 14, 77, 74, 72, 60, 36, 76, 0], Distance=233.35, RemCap=370.0

Vehicle 4: Route=[0, 45, 16, 65, 18, 44, 35, 1, 79, 68, 62, 0], Distance=269.91, RemCap=248.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32272.05

--------------------------------------------------

Ep 23/50 | Reward 5658.74 | Loss 980601142.88 | Dist 1409.22 | Vehl 5

Vehicle 0: Route=[0, 54, 55, 1, 4, 5, 58, 8, 9, 11, 10, 59, 52, 53, 13, 12, 50, 25, 22, 19, 21, 23, 26, 41, 56, 49, 32, 34, 29, 0], Distance=359.42, RemCap=4.0

Vehicle 1: Route=[0, 45, 73, 42, 16, 17, 69, 77, 47, 71, 7, 67, 6, 76, 3, 35, 31, 28, 18, 64, 0], Distance=335.14, RemCap=93.0

Vehicle 2: Route=[0, 46, 14, 40, 39, 24, 57, 44, 79, 2, 60, 72, 74, 68, 75, 0], Distance=240.60, RemCap=265.0

Vehicle 3: Route=[0, 51, 65, 20, 30, 33, 62, 38, 80, 0], Distance=238.15, RemCap=374.0

Vehicle 4: Route=[0, 27, 70, 61, 15, 78, 43, 66, 48, 37, 36, 63, 0], Distance=235.91, RemCap=331.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35965.05

--------------------------------------------------

Ep 24/50 | Reward 5933.06 | Loss 1106786620.69 | Dist 1360.67 | Vehl 5

Vehicle 0: Route=[0, 41, 25, 22, 19, 26, 56, 44, 27, 28, 31, 49, 54, 1, 4, 36, 6, 58, 60, 11, 8, 43, 46, 59, 13, 39, 15, 0], Distance=356.63, RemCap=6.0

Vehicle 1: Route=[0, 66, 55, 33, 35, 3, 2, 62, 9, 68, 80, 77, 17, 40, 14, 51, 45, 61, 24, 65, 0], Distance=286.73, RemCap=185.0

Vehicle 2: Route=[0, 79, 30, 64, 23, 21, 18, 20, 12, 16, 74, 72, 38, 76, 37, 63, 0], Distance=259.18, RemCap=214.0

Vehicle 3: Route=[0, 52, 50, 70, 57, 29, 32, 5, 48, 75, 47, 67, 0], Distance=231.86, RemCap=350.0

Vehicle 4: Route=[0, 34, 10, 7, 71, 53, 73, 42, 69, 78, 0], Distance=226.27, RemCap=312.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36379.30

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Ep 25/50 | Reward 6173.98 | Loss 1209639235.90 | Dist 1376.18 | Vehl 5

Vehicle 0: Route=[0, 54, 53, 46, 17, 15, 13, 14, 51, 42, 50, 25, 24, 19, 41, 44, 27, 30, 49, 55, 2, 3, 6, 60, 8, 9, 10, 59, 47, 0], Distance=375.46, RemCap=8.0

Vehicle 1: Route=[0, 45, 16, 39, 69, 78, 74, 48, 5, 63, 35, 34, 28, 29, 32, 56, 21, 22, 61, 73, 0], Distance=274.92, RemCap=129.0

Vehicle 2: Route=[0, 79, 66, 52, 70, 26, 23, 18, 31, 1, 37, 76, 38, 11, 72, 68, 0], Distance=249.44, RemCap=202.0

Vehicle 3: Route=[0, 57, 20, 40, 71, 7, 67, 75, 4, 62, 0], Distance=245.77, RemCap=352.0

Vehicle 4: Route=[0, 64, 33, 36, 58, 43, 65, 12, 77, 80, 0], Distance=230.60, RemCap=376.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37775.44

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Ep 26/50 | Reward 6092.20 | Loss 1187410495.31 | Dist 1343.28 | Vehl 5

Vehicle 0: Route=[0, 2, 3, 4, 37, 5, 6, 48, 58, 60, 8, 43, 59, 16, 40, 13, 42, 41, 22, 19, 21, 56, 44, 32, 30, 29, 31, 33, 35, 0], Distance=323.37, RemCap=3.0

Vehicle 1: Route=[0, 75, 76, 54, 34, 28, 27, 57, 23, 26, 45, 51, 65, 69, 80, 67, 0], Distance=303.54, RemCap=201.0

Vehicle 2: Route=[0, 66, 7, 68, 74, 47, 46, 17, 73, 50, 24, 20, 18, 64, 55, 70, 0], Distance=259.17, RemCap=195.0

Vehicle 3: Route=[0, 49, 36, 62, 9, 11, 10, 71, 52, 14, 12, 78, 72, 0], Distance=221.86, RemCap=310.0

Vehicle 4: Route=[0, 61, 25, 39, 15, 77, 53, 38, 63, 1, 79, 0], Distance=235.34, RemCap=358.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29159.15

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Ep 27/50 | Reward 5870.72 | Loss 1040599503.30 | Dist 1396.58 | Vehl 5

Vehicle 0: Route=[0, 52, 53, 17, 14, 40, 13, 39, 12, 50, 25, 18, 19, 41, 56, 44, 27, 28, 32, 49, 37, 5, 48, 60, 58, 38, 11, 10, 59, 80, 0], Distance=344.57, RemCap=0.0

Vehicle 1: Route=[0, 75, 7, 72, 36, 55, 35, 20, 65, 15, 78, 47, 43, 46, 42, 73, 0], Distance=316.24, RemCap=259.0

Vehicle 2: Route=[0, 70, 22, 24, 45, 51, 16, 69, 74, 3, 1, 33, 64, 66, 0], Distance=256.18, RemCap=248.0

Vehicle 3: Route=[0, 54, 31, 21, 23, 77, 8, 79, 2, 6, 62, 76, 4, 63, 0], Distance=287.11, RemCap=226.0

Vehicle 4: Route=[0, 71, 68, 67, 9, 34, 30, 29, 57, 26, 61, 0], Distance=192.49, RemCap=334.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31307.08

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Ep 28/50 | Reward 5907.20 | Loss 1114804387.59 | Dist 1396.90 | Vehl 5

Vehicle 0: Route=[0, 44, 33, 28, 29, 57, 26, 23, 21, 20, 24, 25, 41, 45, 53, 51, 13, 12, 39, 15, 16, 43, 47, 7, 38, 60, 36, 6, 0], Distance=313.66, RemCap=5.0

Vehicle 1: Route=[0, 48, 76, 4, 3, 1, 5, 55, 49, 27, 56, 70, 73, 52, 17, 69, 59, 74, 68, 0], Distance=291.42, RemCap=178.0

Vehicle 2: Route=[0, 64, 63, 2, 58, 11, 9, 8, 72, 71, 77, 14, 50, 22, 65, 0], Distance=286.35, RemCap=256.0

Vehicle 3: Route=[0, 80, 46, 42, 18, 31, 34, 37, 62, 66, 79, 0], Distance=241.96, RemCap=287.0

Vehicle 4: Route=[0, 67, 10, 75, 54, 32, 35, 30, 19, 61, 40, 78, 0], Distance=263.52, RemCap=341.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32665.01

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Ep 29/50 | Reward 6599.99 | Loss 1472796745.56 | Dist 1367.23 | Vehl 5

Vehicle 0: Route=[0, 44, 56, 26, 24, 20, 18, 23, 57, 27, 30, 33, 49, 1, 3, 48, 60, 8, 9, 10, 7, 47, 43, 53, 51, 42, 39, 13, 40, 46, 0], Distance=346.75, RemCap=2.0

Vehicle 1: Route=[0, 54, 28, 29, 21, 25, 50, 12, 15, 69, 16, 17, 80, 72, 68, 6, 63, 71, 73, 0], Distance=308.23, RemCap=142.0

Vehicle 2: Route=[0, 35, 4, 2, 5, 62, 58, 11, 66, 78, 59, 77, 14, 61, 19, 22, 65, 0], Distance=330.36, RemCap=221.0

Vehicle 3: Route=[0, 32, 31, 34, 37, 76, 38, 74, 45, 70, 0], Distance=181.19, RemCap=352.0

Vehicle 4: Route=[0, 52, 41, 64, 36, 55, 79, 75, 67, 0], Distance=200.70, RemCap=350.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31654.60

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Ep 30/50 | Reward 6097.72 | Loss 1188481997.18 | Dist 1327.78 | Vehl 5

Vehicle 0: Route=[0, 54, 56, 57, 29, 33, 35, 34, 3, 4, 36, 5, 58, 48, 75, 52, 7, 47, 46, 17, 13, 12, 14, 53, 45, 51, 42, 50, 25, 18, 19, 21, 61, 0], Distance=371.87, RemCap=2.0

Vehicle 1: Route=[0, 79, 6, 63, 2, 55, 31, 44, 23, 73, 16, 78, 59, 38, 9, 8, 66, 0], Distance=273.63, RemCap=144.0

Vehicle 2: Route=[0, 32, 30, 41, 24, 65, 39, 80, 68, 10, 11, 60, 71, 0], Distance=229.22, RemCap=259.0

Vehicle 3: Route=[0, 49, 64, 28, 27, 20, 77, 43, 67, 1, 37, 76, 62, 0], Distance=290.49, RemCap=291.0

Vehicle 4: Route=[0, 70, 26, 22, 40, 15, 69, 72, 74, 0], Distance=162.57, RemCap=371.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32519.94

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Ep 31/50 | Reward 6231.46 | Loss 1296433330.40 | Dist 1301.86 | Vehl 5

Vehicle 0: Route=[0, 45, 25, 24, 22, 18, 19, 21, 26, 57, 31, 34, 33, 49, 54, 4, 36, 5, 58, 38, 11, 10, 7, 47, 43, 46, 40, 13, 15, 59, 77, 0], Distance=370.69, RemCap=0.0

Vehicle 1: Route=[0, 17, 69, 14, 42, 73, 50, 23, 44, 32, 55, 6, 9, 68, 71, 66, 75, 0], Distance=270.72, RemCap=211.0

Vehicle 2: Route=[0, 16, 39, 12, 65, 20, 41, 61, 70, 63, 3, 1, 29, 64, 0], Distance=236.26, RemCap=237.0

Vehicle 3: Route=[0, 30, 27, 2, 37, 62, 60, 8, 67, 78, 80, 51, 52, 74, 0], Distance=240.90, RemCap=252.0

Vehicle 4: Route=[0, 53, 56, 28, 35, 76, 48, 72, 79, 0], Distance=183.29, RemCap=367.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29664.83

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Ep 32/50 | Reward 6404.50 | Loss 1327476996.29 | Dist 1404.41 | Vehl 5

Vehicle 0: Route=[0, 55, 1, 3, 36, 2, 5, 6, 60, 38, 11, 10, 52, 51, 14, 13, 15, 39, 42, 25, 24, 19, 23, 57, 28, 31, 34, 30, 0], Distance=300.30, RemCap=0.0

Vehicle 1: Route=[0, 49, 44, 26, 18, 20, 61, 45, 69, 43, 68, 66, 48, 37, 4, 27, 64, 0], Distance=303.01, RemCap=186.0

Vehicle 2: Route=[0, 22, 56, 29, 32, 54, 63, 75, 9, 46, 77, 78, 59, 47, 72, 0], Distance=305.84, RemCap=275.0

Vehicle 3: Route=[0, 33, 21, 73, 65, 40, 16, 53, 71, 80, 7, 58, 67, 0], Distance=266.22, RemCap=287.0

Vehicle 4: Route=[0, 79, 35, 70, 41, 50, 12, 17, 74, 8, 62, 76, 0], Distance=229.03, RemCap=319.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30898.29

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Ep 33/50 | Reward 5602.15 | Loss 939024642.83 | Dist 1371.68 | Vehl 5

Vehicle 0: Route=[0, 51, 41, 19, 18, 20, 24, 50, 40, 16, 17, 46, 47, 11, 38, 9, 60, 48, 37, 36, 3, 1, 49, 44, 34, 31, 27, 28, 0], Distance=311.79, RemCap=6.0

Vehicle 1: Route=[0, 32, 35, 64, 56, 23, 21, 25, 39, 69, 53, 71, 43, 80, 74, 10, 62, 6, 66, 0], Distance=280.00, RemCap=187.0

Vehicle 2: Route=[0, 54, 33, 4, 5, 58, 72, 59, 78, 13, 65, 73, 45, 22, 70, 0], Distance=275.75, RemCap=251.0

Vehicle 3: Route=[0, 52, 75, 7, 12, 42, 61, 57, 55, 79, 2, 76, 0], Distance=218.40, RemCap=320.0

Vehicle 4: Route=[0, 63, 30, 29, 26, 14, 15, 68, 8, 67, 77, 0], Distance=285.75, RemCap=303.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35937.99

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Ep 34/50 | Reward 6473.80 | Loss 1340008340.08 | Dist 1328.79 | Vehl 5

Vehicle 0: Route=[0, 2, 6, 36, 4, 3, 1, 34, 31, 28, 32, 49, 44, 41, 23, 19, 25, 50, 51, 16, 17, 46, 10, 11, 9, 8, 58, 0], Distance=314.30, RemCap=4.0

Vehicle 1: Route=[0, 45, 70, 56, 24, 65, 12, 39, 69, 74, 60, 62, 55, 35, 27, 29, 30, 54, 75, 0], Distance=295.92, RemCap=181.0

Vehicle 2: Route=[0, 57, 18, 22, 26, 61, 42, 40, 13, 80, 59, 47, 71, 48, 67, 72, 0], Distance=267.67, RemCap=245.0

Vehicle 3: Route=[0, 64, 33, 79, 38, 68, 7, 43, 53, 73, 15, 77, 0], Distance=223.07, RemCap=310.0

Vehicle 4: Route=[0, 63, 37, 76, 5, 66, 52, 21, 20, 14, 78, 0], Distance=227.83, RemCap=327.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28692.80

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Ep 35/50 | Reward 6106.96 | Loss 1139544706.72 | Dist 1350.77 | Vehl 5

Vehicle 0: Route=[0, 53, 54, 44, 29, 28, 34, 33, 1, 37, 48, 58, 60, 8, 9, 38, 10, 59, 17, 40, 13, 12, 42, 41, 26, 21, 20, 24, 25, 50, 0], Distance=343.33, RemCap=7.0

Vehicle 1: Route=[0, 79, 2, 63, 4, 3, 31, 23, 61, 14, 15, 77, 46, 43, 68, 11, 75, 0], Distance=266.30, RemCap=213.0

Vehicle 2: Route=[0, 49, 32, 30, 27, 36, 5, 62, 78, 80, 51, 45, 70, 65, 0], Distance=256.00, RemCap=277.0

Vehicle 3: Route=[0, 52, 7, 66, 35, 64, 57, 56, 19, 22, 73, 69, 0], Distance=235.52, RemCap=287.0

Vehicle 4: Route=[0, 55, 76, 6, 67, 72, 74, 47, 16, 39, 18, 71, 0], Distance=249.63, RemCap=283.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31837.40

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Ep 36/50 | Reward 5841.89 | Loss 1030175975.56 | Dist 1329.18 | Vehl 5

Vehicle 0: Route=[0, 43, 47, 59, 46, 16, 14, 51, 42, 50, 25, 24, 22, 20, 21, 23, 26, 56, 57, 29, 34, 49, 1, 4, 2, 5, 48, 38, 10, 8, 66, 0], Distance=339.11, RemCap=2.0

Vehicle 1: Route=[0, 70, 44, 27, 30, 33, 55, 37, 60, 9, 75, 71, 80, 77, 69, 12, 40, 73, 0], Distance=258.93, RemCap=252.0

Vehicle 2: Route=[0, 53, 17, 39, 65, 18, 19, 28, 35, 54, 36, 68, 74, 78, 72, 0], Distance=311.96, RemCap=212.0

Vehicle 3: Route=[0, 52, 45, 15, 67, 11, 58, 76, 63, 3, 31, 64, 0], Distance=204.68, RemCap=290.0

Vehicle 4: Route=[0, 32, 41, 61, 13, 7, 79, 6, 62, 0], Distance=214.49, RemCap=311.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31470.86

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Ep 37/50 | Reward 5787.33 | Loss 989584746.97 | Dist 1358.21 | Vehl 5

Vehicle 0: Route=[0, 51, 23, 19, 20, 22, 24, 50, 42, 14, 16, 15, 43, 47, 8, 38, 58, 6, 5, 2, 37, 36, 1, 34, 28, 27, 29, 54, 55, 48, 75, 0], Distance=349.43, RemCap=5.0

Vehicle 1: Route=[0, 64, 30, 33, 35, 3, 9, 68, 78, 69, 39, 12, 13, 40, 41, 61, 71, 0], Distance=250.57, RemCap=202.0

Vehicle 2: Route=[0, 45, 25, 18, 70, 31, 4, 63, 62, 11, 7, 46, 72, 0], Distance=275.36, RemCap=229.0

Vehicle 3: Route=[0, 66, 52, 67, 10, 59, 80, 17, 44, 32, 57, 73, 0], Distance=225.18, RemCap=321.0

Vehicle 4: Route=[0, 53, 65, 26, 21, 56, 49, 79, 76, 60, 74, 77, 0], Distance=257.68, RemCap=310.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31867.82

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Ep 38/50 | Reward 6183.71 | Loss 1163579170.09 | Dist 1315.02 | Vehl 5

Vehicle 0: Route=[0, 53, 45, 42, 50, 25, 24, 22, 18, 23, 26, 56, 44, 32, 30, 29, 28, 35, 49, 1, 4, 37, 5, 48, 58, 10, 16, 14, 40, 12, 77, 0], Distance=345.80, RemCap=2.0

Vehicle 1: Route=[0, 66, 75, 9, 67, 47, 17, 61, 70, 20, 19, 31, 55, 79, 3, 36, 63, 0], Distance=281.59, RemCap=238.0

Vehicle 2: Route=[0, 51, 73, 41, 57, 27, 2, 76, 6, 62, 60, 71, 46, 59, 15, 69, 0], Distance=280.24, RemCap=196.0

Vehicle 3: Route=[0, 33, 34, 64, 21, 39, 13, 43, 68, 11, 72, 80, 78, 0], Distance=256.58, RemCap=279.0

Vehicle 4: Route=[0, 54, 65, 52, 8, 38, 7, 74, 0], Distance=150.81, RemCap=352.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30310.80

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Ep 39/50 | Reward 6107.05 | Loss 1194557902.21 | Dist 1285.70 | Vehl 5

Vehicle 0: Route=[0, 54, 55, 5, 58, 60, 11, 38, 8, 7, 52, 45, 14, 17, 13, 39, 42, 25, 24, 22, 20, 18, 21, 26, 44, 49, 32, 30, 27, 29, 0], Distance=310.63, RemCap=5.0

Vehicle 1: Route=[0, 56, 41, 51, 40, 12, 15, 77, 78, 47, 72, 71, 66, 2, 3, 34, 35, 64, 0], Distance=260.26, RemCap=201.0

Vehicle 2: Route=[0, 33, 31, 4, 36, 63, 37, 62, 9, 80, 69, 16, 50, 73, 70, 0], Distance=223.32, RemCap=229.0

Vehicle 3: Route=[0, 19, 23, 43, 75, 79, 1, 6, 48, 10, 67, 68, 0], Distance=235.94, RemCap=299.0

Vehicle 4: Route=[0, 74, 59, 46, 53, 65, 61, 57, 28, 76, 0], Distance=255.55, RemCap=333.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32872.15

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Ep 40/50 | Reward 6020.14 | Loss 1087528241.22 | Dist 1404.92 | Vehl 5

Vehicle 0: Route=[0, 41, 26, 23, 19, 56, 29, 28, 30, 33, 34, 4, 37, 6, 48, 9, 38, 10, 47, 39, 12, 40, 16, 51, 52, 46, 43, 7, 0], Distance=335.14, RemCap=1.0

Vehicle 1: Route=[0, 55, 35, 31, 64, 18, 22, 50, 14, 53, 71, 72, 67, 68, 8, 11, 60, 76, 62, 0], Distance=287.75, RemCap=143.0

Vehicle 2: Route=[0, 54, 79, 74, 59, 78, 42, 25, 24, 61, 32, 1, 63, 0], Distance=259.51, RemCap=285.0

Vehicle 3: Route=[0, 58, 5, 36, 2, 44, 21, 65, 13, 15, 69, 80, 73, 0], Distance=255.73, RemCap=272.0

Vehicle 4: Route=[0, 66, 75, 3, 49, 27, 57, 20, 70, 45, 17, 77, 0], Distance=266.79, RemCap=366.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33061.61

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Ep 41/50 | Reward 5971.79 | Loss 1064118407.47 | Dist 1387.78 | Vehl 5

Vehicle 0: Route=[0, 7, 10, 9, 60, 58, 6, 5, 37, 36, 3, 1, 2, 34, 31, 28, 27, 30, 19, 21, 22, 25, 41, 50, 42, 17, 39, 13, 0], Distance=299.86, RemCap=3.0

Vehicle 1: Route=[0, 45, 73, 23, 20, 65, 12, 15, 69, 16, 51, 47, 72, 48, 55, 33, 79, 75, 0], Distance=284.56, RemCap=185.0

Vehicle 2: Route=[0, 66, 8, 67, 11, 62, 4, 35, 29, 18, 61, 14, 46, 78, 59, 80, 0], Distance=302.99, RemCap=233.0

Vehicle 3: Route=[0, 40, 26, 70, 44, 64, 32, 49, 54, 63, 38, 71, 0], Distance=245.25, RemCap=290.0

Vehicle 4: Route=[0, 76, 57, 56, 24, 53, 52, 43, 77, 68, 74, 0], Distance=255.12, RemCap=356.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33201.06

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Ep 42/50 | Reward 5581.65 | Loss 910739864.52 | Dist 1325.07 | Vehl 5

Vehicle 0: Route=[0, 53, 52, 43, 2, 36, 4, 37, 6, 48, 60, 38, 11, 47, 59, 39, 40, 51, 42, 22, 18, 21, 23, 26, 56, 44, 57, 28, 34, 35, 0], Distance=356.75, RemCap=2.0

Vehicle 1: Route=[0, 66, 75, 58, 8, 10, 67, 7, 71, 77, 15, 20, 24, 61, 70, 49, 32, 30, 3, 76, 0], Distance=310.44, RemCap=250.0

Vehicle 2: Route=[0, 45, 16, 65, 41, 19, 27, 1, 5, 62, 9, 68, 79, 0], Distance=256.41, RemCap=204.0

Vehicle 3: Route=[0, 54, 33, 64, 29, 50, 13, 12, 69, 78, 80, 74, 72, 0], Distance=199.91, RemCap=275.0

Vehicle 4: Route=[0, 46, 17, 14, 73, 25, 31, 55, 63, 0], Distance=201.56, RemCap=336.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34725.98

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Ep 43/50 | Reward 5924.84 | Loss 1035686674.24 | Dist 1323.50 | Vehl 5

Vehicle 0: Route=[0, 53, 51, 14, 40, 13, 17, 46, 59, 47, 10, 11, 8, 6, 2, 37, 4, 3, 33, 28, 27, 44, 23, 21, 19, 22, 24, 26, 61, 0], Distance=318.52, RemCap=0.0

Vehicle 1: Route=[0, 52, 77, 69, 15, 50, 20, 30, 49, 79, 75, 7, 9, 58, 76, 36, 1, 63, 0], Distance=292.00, RemCap=256.0

Vehicle 2: Route=[0, 73, 56, 32, 29, 31, 35, 5, 48, 66, 68, 67, 43, 78, 0], Distance=245.31, RemCap=251.0

Vehicle 3: Route=[0, 55, 34, 64, 70, 25, 45, 16, 39, 80, 74, 38, 72, 0], Distance=244.89, RemCap=291.0

Vehicle 4: Route=[0, 54, 57, 18, 41, 42, 65, 12, 71, 60, 62, 0], Distance=222.79, RemCap=269.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34542.32

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Ep 44/50 | Reward 6070.68 | Loss 1132937357.22 | Dist 1353.44 | Vehl 5

Vehicle 0: Route=[0, 44, 57, 32, 33, 54, 55, 3, 4, 5, 6, 60, 10, 59, 43, 52, 45, 14, 17, 15, 13, 50, 24, 22, 18, 19, 23, 26, 41, 61, 0], Distance=344.64, RemCap=2.0

Vehicle 1: Route=[0, 53, 71, 75, 8, 67, 38, 11, 58, 79, 1, 35, 28, 29, 70, 42, 40, 77, 0], Distance=278.67, RemCap=248.0

Vehicle 2: Route=[0, 25, 21, 31, 49, 36, 63, 9, 68, 74, 0], Distance=217.53, RemCap=321.0

Vehicle 3: Route=[0, 27, 56, 51, 12, 78, 80, 47, 7, 48, 62, 76, 37, 66, 0], Distance=243.88, RemCap=258.0

Vehicle 4: Route=[0, 64, 30, 34, 2, 72, 46, 16, 69, 39, 73, 20, 65, 0], Distance=268.71, RemCap=238.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32868.32

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Ep 45/50 | Reward 5894.88 | Loss 1023621484.87 | Dist 1379.05 | Vehl 5

Vehicle 0: Route=[0, 26, 21, 19, 18, 24, 50, 42, 39, 13, 40, 14, 16, 46, 43, 47, 7, 10, 38, 9, 60, 5, 4, 34, 29, 32, 33, 55, 0], Distance=300.66, RemCap=0.0

Vehicle 1: Route=[0, 52, 12, 25, 41, 44, 57, 35, 49, 79, 3, 62, 58, 48, 75, 72, 80, 78, 0], Distance=322.35, RemCap=260.0

Vehicle 2: Route=[0, 53, 51, 73, 61, 22, 28, 30, 54, 2, 37, 67, 17, 69, 77, 0], Distance=294.59, RemCap=258.0

Vehicle 3: Route=[0, 45, 23, 27, 1, 36, 63, 76, 6, 11, 74, 68, 0], Distance=213.90, RemCap=261.0

Vehicle 4: Route=[0, 66, 71, 8, 59, 15, 65, 20, 70, 56, 31, 64, 0], Distance=247.54, RemCap=288.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33014.94

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Ep 46/50 | Reward 5696.98 | Loss 939383118.02 | Dist 1330.38 | Vehl 5

Vehicle 0: Route=[0, 54, 55, 33, 31, 29, 30, 57, 44, 23, 21, 19, 20, 22, 41, 70, 45, 53, 51, 40, 39, 59, 74, 8, 48, 3, 37, 6, 58, 60, 9, 10, 72, 0], Distance=377.49, RemCap=6.0

Vehicle 1: Route=[0, 38, 67, 7, 43, 77, 15, 42, 65, 50, 56, 27, 35, 63, 5, 79, 0], Distance=254.05, RemCap=244.0

Vehicle 2: Route=[0, 66, 75, 2, 49, 28, 26, 18, 25, 61, 13, 14, 73, 0], Distance=236.60, RemCap=248.0

Vehicle 3: Route=[0, 32, 64, 36, 76, 11, 68, 47, 71, 46, 17, 12, 69, 0], Distance=217.06, RemCap=253.0

Vehicle 4: Route=[0, 52, 62, 4, 1, 34, 24, 16, 78, 80, 0], Distance=245.18, RemCap=316.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33417.30

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Ep 47/50 | Reward 6063.90 | Loss 1111495070.16 | Dist 1320.02 | Vehl 5

Vehicle 0: Route=[0, 45, 15, 12, 42, 22, 18, 19, 23, 26, 57, 27, 28, 30, 32, 49, 54, 55, 1, 3, 4, 36, 37, 58, 9, 8, 7, 10, 38, 0], Distance=306.05, RemCap=6.0

Vehicle 1: Route=[0, 66, 52, 53, 43, 72, 47, 16, 40, 13, 65, 25, 61, 64, 29, 34, 5, 76, 0], Distance=274.58, RemCap=185.0

Vehicle 2: Route=[0, 79, 75, 6, 35, 56, 20, 24, 50, 39, 69, 71, 74, 77, 0], Distance=294.53, RemCap=327.0

Vehicle 3: Route=[0, 44, 33, 63, 48, 11, 67, 59, 78, 46, 17, 14, 73, 70, 0], Distance=220.96, RemCap=271.0

Vehicle 4: Route=[0, 51, 41, 21, 31, 2, 62, 60, 68, 80, 0], Distance=223.91, RemCap=278.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30042.15

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Ep 48/50 | Reward 5775.39 | Loss 928586144.24 | Dist 1393.92 | Vehl 5

Vehicle 0: Route=[0, 45, 51, 17, 40, 13, 39, 42, 23, 56, 29, 27, 28, 49, 55, 1, 2, 6, 58, 11, 9, 59, 46, 7, 8, 60, 48, 0], Distance=363.81, RemCap=1.0

Vehicle 1: Route=[0, 30, 31, 35, 3, 4, 76, 38, 72, 43, 14, 69, 12, 24, 19, 26, 41, 70, 61, 73, 0], Distance=278.18, RemCap=207.0

Vehicle 2: Route=[0, 52, 71, 74, 68, 75, 5, 37, 44, 18, 22, 50, 16, 77, 80, 0], Distance=260.27, RemCap=257.0

Vehicle 3: Route=[0, 66, 47, 10, 62, 36, 54, 34, 21, 20, 25, 65, 0], Distance=269.43, RemCap=292.0

Vehicle 4: Route=[0, 53, 15, 78, 67, 79, 57, 32, 64, 33, 63, 0], Distance=222.22, RemCap=310.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36641.77

--------------------------------------------------

Ep 49/50 | Reward 5983.63 | Loss 1079767691.45 | Dist 1342.55 | Vehl 5

Vehicle 0: Route=[0, 7, 8, 9, 38, 60, 6, 5, 2, 37, 36, 1, 55, 54, 33, 34, 30, 57, 23, 22, 24, 25, 39, 13, 40, 14, 16, 46, 51, 0], Distance=283.17, RemCap=1.0

Vehicle 1: Route=[0, 4, 76, 68, 72, 17, 69, 12, 73, 45, 70, 41, 20, 18, 26, 56, 32, 35, 64, 0], Distance=289.64, RemCap=140.0

Vehicle 2: Route=[0, 79, 3, 29, 27, 21, 61, 15, 59, 67, 11, 48, 62, 0], Distance=294.52, RemCap=318.0

Vehicle 3: Route=[0, 66, 44, 50, 65, 42, 53, 52, 80, 78, 47, 10, 58, 74, 0], Distance=227.47, RemCap=277.0

Vehicle 4: Route=[0, 49, 31, 28, 19, 77, 43, 71, 75, 63, 0], Distance=247.75, RemCap=331.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31125.01

--------------------------------------------------

Ep 50/50 | Reward 6119.77 | Loss 1106424748.21 | Dist 1329.18 | Vehl 5

Vehicle 0: Route=[0, 53, 15, 59, 43, 8, 9, 10, 11, 60, 6, 5, 36, 49, 44, 56, 26, 24, 25, 20, 18, 19, 21, 57, 32, 29, 27, 28, 31, 33, 35, 0], Distance=353.04, RemCap=1.0

Vehicle 1: Route=[0, 71, 74, 7, 38, 4, 55, 34, 64, 70, 22, 61, 45, 51, 17, 14, 12, 77, 0], Distance=302.73, RemCap=227.0

Vehicle 2: Route=[0, 54, 41, 50, 65, 40, 46, 52, 66, 75, 48, 76, 62, 58, 72, 0], Distance=225.26, RemCap=259.0

Vehicle 3: Route=[0, 63, 37, 3, 23, 73, 42, 16, 13, 39, 78, 80, 47, 67, 0], Distance=253.10, RemCap=226.0

Vehicle 4: Route=[0, 30, 1, 2, 79, 69, 68, 0], Distance=195.04, RemCap=354.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33740.12

--------------------------------------------------

--- Training with max\_vehicles = 6 ---

Ep 1/50 | Reward 5425.81 | Loss 910874228.80 | Dist 1521.16 | Vehl 6

Vehicle 0: Route=[0, 41, 25, 24, 20, 23, 26, 56, 57, 28, 32, 49, 55, 2, 36, 37, 5, 6, 58, 60, 52, 46, 39, 59, 47, 7, 38, 9, 8, 0], Distance=350.11, RemCap=0.0

Vehicle 1: Route=[0, 62, 10, 67, 72, 80, 12, 40, 16, 14, 45, 44, 31, 27, 73, 61, 0], Distance=260.76, RemCap=226.0

Vehicle 2: Route=[0, 11, 78, 77, 69, 13, 17, 51, 22, 29, 64, 30, 35, 1, 76, 0], Distance=270.62, RemCap=256.0

Vehicle 3: Route=[0, 53, 65, 19, 21, 70, 33, 54, 66, 75, 48, 4, 63, 0], Distance=236.04, RemCap=274.0

Vehicle 4: Route=[0, 3, 18, 42, 15, 71, 68, 0], Distance=232.10, RemCap=376.0

Vehicle 5: Route=[0, 74, 43, 50, 34, 79, 0], Distance=171.54, RemCap=435.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33248.66

--------------------------------------------------

Ep 2/50 | Reward 6142.35 | Loss 1299526213.28 | Dist 1438.68 | Vehl 6

Vehicle 0: Route=[0, 44, 56, 32, 28, 31, 33, 1, 3, 36, 37, 5, 48, 60, 9, 38, 10, 7, 59, 43, 53, 51, 14, 40, 42, 50, 41, 25, 24, 23, 22, 0], Distance=341.31, RemCap=9.0

Vehicle 1: Route=[0, 17, 69, 45, 61, 18, 29, 30, 54, 4, 6, 62, 11, 67, 74, 72, 0], Distance=293.96, RemCap=227.0

Vehicle 2: Route=[0, 55, 49, 35, 19, 20, 15, 77, 71, 8, 75, 66, 0], Distance=232.20, RemCap=344.0

Vehicle 3: Route=[0, 79, 2, 68, 13, 65, 26, 21, 57, 27, 64, 0], Distance=230.24, RemCap=245.0

Vehicle 4: Route=[0, 34, 70, 73, 39, 16, 46, 58, 63, 76, 0], Distance=221.00, RemCap=325.0

Vehicle 5: Route=[0, 52, 12, 80, 47, 78, 0], Distance=119.98, RemCap=417.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28994.39

--------------------------------------------------

Ep 3/50 | Reward 6302.32 | Loss 1363557472.91 | Dist 1484.12 | Vehl 6

Vehicle 0: Route=[0, 44, 32, 27, 34, 33, 49, 3, 2, 48, 60, 58, 38, 10, 7, 47, 52, 53, 51, 40, 13, 42, 45, 41, 22, 20, 19, 21, 23, 0], Distance=341.36, RemCap=0.0

Vehicle 1: Route=[0, 54, 79, 63, 4, 64, 57, 56, 70, 14, 12, 69, 59, 9, 11, 67, 0], Distance=251.36, RemCap=216.0

Vehicle 2: Route=[0, 80, 78, 68, 55, 6, 36, 1, 35, 30, 28, 29, 26, 65, 0], Distance=272.15, RemCap=228.0

Vehicle 3: Route=[0, 31, 24, 16, 17, 77, 71, 8, 5, 76, 0], Distance=251.14, RemCap=338.0

Vehicle 4: Route=[0, 73, 61, 18, 25, 15, 46, 37, 62, 0], Distance=218.29, RemCap=366.0

Vehicle 5: Route=[0, 50, 39, 43, 74, 72, 66, 75, 0], Distance=149.83, RemCap=419.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26721.18

--------------------------------------------------

Ep 4/50 | Reward 6325.69 | Loss 1358879656.31 | Dist 1454.92 | Vehl 6

Vehicle 0: Route=[0, 53, 51, 41, 26, 21, 18, 20, 24, 12, 15, 40, 47, 7, 10, 38, 60, 48, 2, 4, 1, 49, 44, 32, 31, 34, 33, 0], Distance=309.89, RemCap=9.0

Vehicle 1: Route=[0, 75, 58, 62, 37, 36, 3, 79, 54, 56, 61, 45, 42, 14, 43, 71, 0], Distance=206.43, RemCap=310.0

Vehicle 2: Route=[0, 73, 65, 50, 25, 28, 55, 5, 6, 8, 72, 80, 77, 0], Distance=268.59, RemCap=287.0

Vehicle 3: Route=[0, 57, 22, 39, 13, 17, 78, 68, 9, 67, 0], Distance=199.61, RemCap=332.0

Vehicle 4: Route=[0, 11, 74, 59, 52, 19, 29, 35, 63, 76, 0], Distance=280.03, RemCap=338.0

Vehicle 5: Route=[0, 30, 64, 27, 23, 70, 16, 69, 46, 66, 0], Distance=190.38, RemCap=291.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28013.07

--------------------------------------------------

Ep 5/50 | Reward 6287.33 | Loss 1399695047.49 | Dist 1395.61 | Vehl 6

Vehicle 0: Route=[0, 41, 26, 21, 20, 22, 24, 42, 14, 40, 13, 39, 15, 17, 51, 10, 11, 38, 9, 60, 58, 4, 2, 55, 32, 35, 30, 28, 29, 44, 0], Distance=307.50, RemCap=3.0

Vehicle 1: Route=[0, 45, 73, 61, 50, 16, 47, 72, 75, 62, 5, 3, 1, 33, 31, 64, 57, 79, 0], Distance=250.89, RemCap=206.0

Vehicle 2: Route=[0, 12, 25, 18, 19, 23, 36, 37, 76, 48, 67, 7, 68, 0], Distance=241.54, RemCap=263.0

Vehicle 3: Route=[0, 56, 49, 54, 66, 8, 71, 77, 65, 69, 0], Distance=208.29, RemCap=326.0

Vehicle 4: Route=[0, 34, 6, 53, 46, 43, 80, 74, 0], Distance=176.21, RemCap=390.0

Vehicle 5: Route=[0, 52, 59, 78, 70, 27, 63, 0], Distance=211.17, RemCap=379.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27916.27

--------------------------------------------------

Ep 6/50 | Reward 6234.01 | Loss 1328087531.09 | Dist 1559.37 | Vehl 6

Vehicle 0: Route=[0, 54, 48, 38, 10, 11, 58, 6, 36, 3, 1, 55, 33, 34, 28, 29, 57, 56, 26, 41, 42, 52, 43, 47, 46, 17, 40, 13, 15, 77, 0], Distance=366.46, RemCap=5.0

Vehicle 1: Route=[0, 35, 30, 64, 21, 18, 20, 25, 65, 39, 14, 53, 80, 78, 8, 60, 63, 0], Distance=284.74, RemCap=208.0

Vehicle 2: Route=[0, 75, 9, 79, 31, 44, 23, 22, 61, 45, 69, 0], Distance=243.17, RemCap=341.0

Vehicle 3: Route=[0, 51, 16, 71, 66, 49, 32, 4, 5, 62, 76, 0], Distance=192.92, RemCap=292.0

Vehicle 4: Route=[0, 73, 50, 2, 7, 59, 72, 0], Distance=207.76, RemCap=390.0

Vehicle 5: Route=[0, 12, 70, 24, 19, 27, 37, 67, 68, 74, 0], Distance=264.32, RemCap=331.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29241.22

--------------------------------------------------

Ep 7/50 | Reward 5753.24 | Loss 1078309349.44 | Dist 1440.29 | Vehl 6

Vehicle 0: Route=[0, 13, 15, 12, 50, 25, 22, 18, 19, 21, 26, 56, 28, 35, 49, 55, 2, 37, 5, 48, 60, 8, 38, 10, 47, 46, 52, 0], Distance=303.62, RemCap=6.0

Vehicle 1: Route=[0, 45, 51, 16, 14, 40, 69, 59, 68, 58, 62, 6, 1, 31, 64, 66, 0], Distance=224.04, RemCap=156.0

Vehicle 2: Route=[0, 53, 42, 41, 57, 33, 34, 4, 75, 11, 72, 78, 80, 0], Distance=239.18, RemCap=314.0

Vehicle 3: Route=[0, 67, 9, 36, 3, 32, 27, 23, 20, 70, 61, 0], Distance=222.33, RemCap=368.0

Vehicle 4: Route=[0, 30, 76, 71, 43, 17, 39, 77, 74, 0], Distance=208.57, RemCap=415.0

Vehicle 5: Route=[0, 7, 63, 79, 54, 44, 29, 24, 73, 65, 0], Distance=242.55, RemCap=308.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29081.08

--------------------------------------------------

Ep 8/50 | Reward 5532.91 | Loss 972372454.66 | Dist 1517.09 | Vehl 6

Vehicle 0: Route=[0, 53, 52, 37, 63, 3, 1, 55, 49, 33, 34, 31, 27, 30, 32, 56, 26, 19, 24, 50, 39, 15, 13, 40, 14, 17, 59, 11, 58, 60, 75, 0], Distance=349.77, RemCap=3.0

Vehicle 1: Route=[0, 51, 45, 70, 21, 44, 57, 29, 36, 48, 8, 7, 68, 72, 74, 0], Distance=229.75, RemCap=264.0

Vehicle 2: Route=[0, 35, 23, 18, 61, 12, 46, 71, 10, 9, 6, 66, 0], Distance=255.00, RemCap=302.0

Vehicle 3: Route=[0, 41, 65, 42, 16, 80, 43, 2, 5, 76, 4, 64, 0], Distance=216.52, RemCap=259.0

Vehicle 4: Route=[0, 67, 38, 62, 54, 28, 20, 25, 69, 78, 0], Distance=274.65, RemCap=309.0

Vehicle 5: Route=[0, 79, 22, 73, 47, 77, 0], Distance=191.41, RemCap=430.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31761.93

--------------------------------------------------

Ep 9/50 | Reward 5936.60 | Loss 1164201713.39 | Dist 1533.56 | Vehl 6

Vehicle 0: Route=[0, 52, 45, 14, 50, 20, 18, 21, 56, 44, 32, 30, 27, 28, 31, 34, 1, 4, 5, 55, 54, 48, 60, 9, 8, 7, 10, 0], Distance=310.85, RemCap=1.0

Vehicle 1: Route=[0, 53, 49, 33, 19, 73, 40, 13, 17, 77, 68, 62, 6, 63, 36, 3, 76, 0], Distance=290.03, RemCap=200.0

Vehicle 2: Route=[0, 70, 25, 22, 23, 29, 64, 66, 2, 58, 46, 16, 47, 74, 0], Distance=290.39, RemCap=247.0

Vehicle 3: Route=[0, 61, 51, 12, 39, 69, 43, 37, 67, 0], Distance=201.53, RemCap=387.0

Vehicle 4: Route=[0, 65, 41, 57, 35, 75, 38, 11, 59, 71, 0], Distance=237.12, RemCap=355.0

Vehicle 5: Route=[0, 79, 26, 24, 42, 15, 78, 72, 80, 0], Distance=203.64, RemCap=377.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29894.12

--------------------------------------------------

Ep 10/50 | Reward 5726.54 | Loss 1068568925.75 | Dist 1492.56 | Vehl 6

Vehicle 0: Route=[0, 54, 32, 29, 27, 34, 1, 3, 4, 36, 6, 48, 58, 9, 8, 52, 53, 45, 41, 24, 50, 42, 39, 15, 40, 14, 16, 46, 47, 10, 72, 0], Distance=336.33, RemCap=9.0

Vehicle 1: Route=[0, 43, 69, 73, 61, 20, 19, 21, 26, 64, 33, 44, 49, 5, 79, 0], Distance=239.95, RemCap=275.0

Vehicle 2: Route=[0, 75, 11, 60, 63, 2, 55, 57, 65, 12, 80, 0], Distance=219.95, RemCap=288.0

Vehicle 3: Route=[0, 76, 37, 35, 23, 51, 71, 78, 59, 74, 38, 68, 0], Distance=268.77, RemCap=312.0

Vehicle 4: Route=[0, 31, 28, 56, 70, 22, 13, 77, 66, 0], Distance=203.72, RemCap=323.0

Vehicle 5: Route=[0, 30, 18, 25, 17, 7, 67, 62, 0], Distance=223.84, RemCap=360.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31958.15

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Ep 11/50 | Reward 6343.75 | Loss 1428501649.07 | Dist 1499.98 | Vehl 6

Vehicle 0: Route=[0, 46, 59, 10, 9, 60, 48, 6, 5, 36, 4, 3, 55, 33, 35, 34, 28, 29, 30, 57, 23, 18, 20, 22, 25, 50, 12, 39, 15, 14, 51, 42, 61, 0], Distance=359.13, RemCap=1.0

Vehicle 1: Route=[0, 52, 67, 58, 76, 37, 54, 31, 21, 26, 16, 17, 77, 78, 0], Distance=286.95, RemCap=271.0

Vehicle 2: Route=[0, 2, 32, 44, 41, 45, 13, 69, 80, 71, 8, 75, 0], Distance=216.80, RemCap=267.0

Vehicle 3: Route=[0, 53, 40, 24, 27, 64, 66, 7, 11, 72, 0], Distance=232.10, RemCap=327.0

Vehicle 4: Route=[0, 43, 47, 62, 63, 79, 56, 19, 65, 0], Distance=240.19, RemCap=327.0

Vehicle 5: Route=[0, 73, 70, 49, 1, 38, 74, 68, 0], Distance=164.80, RemCap=374.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25478.20

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Ep 12/50 | Reward 5844.78 | Loss 1089159222.74 | Dist 1557.44 | Vehl 6

Vehicle 0: Route=[0, 54, 32, 35, 34, 31, 30, 57, 44, 41, 26, 23, 24, 50, 53, 52, 46, 17, 16, 39, 59, 10, 38, 9, 7, 5, 36, 3, 55, 75, 0], Distance=358.86, RemCap=0.0

Vehicle 1: Route=[0, 51, 69, 65, 61, 20, 18, 27, 28, 33, 2, 76, 58, 8, 74, 0], Distance=270.24, RemCap=224.0

Vehicle 2: Route=[0, 66, 67, 11, 48, 79, 29, 19, 45, 73, 42, 13, 78, 0], Distance=277.76, RemCap=254.0

Vehicle 3: Route=[0, 4, 49, 56, 21, 14, 15, 77, 80, 72, 68, 0], Distance=236.54, RemCap=362.0

Vehicle 4: Route=[0, 1, 63, 37, 6, 47, 22, 70, 0], Distance=199.15, RemCap=372.0

Vehicle 5: Route=[0, 62, 60, 71, 43, 40, 12, 25, 64, 0], Distance=214.89, RemCap=355.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31988.30

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Ep 13/50 | Reward 5723.75 | Loss 1088602820.24 | Dist 1506.60 | Vehl 6

Vehicle 0: Route=[0, 54, 55, 5, 6, 37, 1, 34, 30, 32, 57, 44, 23, 21, 19, 24, 25, 41, 53, 14, 40, 12, 15, 17, 7, 38, 58, 60, 75, 66, 79, 0], Distance=326.66, RemCap=16.0

Vehicle 1: Route=[0, 33, 35, 4, 48, 67, 10, 59, 80, 69, 39, 18, 22, 52, 71, 0], Distance=296.97, RemCap=268.0

Vehicle 2: Route=[0, 42, 49, 64, 29, 27, 31, 36, 63, 74, 77, 0], Distance=241.04, RemCap=305.0

Vehicle 3: Route=[0, 43, 51, 45, 73, 50, 20, 28, 76, 8, 68, 0], Distance=239.89, RemCap=317.0

Vehicle 4: Route=[0, 9, 47, 16, 13, 65, 26, 56, 61, 0], Distance=188.47, RemCap=313.0

Vehicle 5: Route=[0, 70, 46, 78, 2, 3, 62, 11, 72, 0], Distance=213.56, RemCap=348.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30879.33

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Ep 14/50 | Reward 6058.36 | Loss 1202160588.60 | Dist 1453.87 | Vehl 6

Vehicle 0: Route=[0, 5, 37, 2, 55, 49, 31, 28, 27, 29, 56, 19, 18, 20, 22, 24, 45, 53, 52, 51, 16, 40, 12, 15, 59, 38, 9, 8, 75, 0], Distance=328.06, RemCap=5.0

Vehicle 1: Route=[0, 73, 14, 42, 25, 21, 57, 44, 63, 4, 76, 48, 58, 11, 72, 80, 71, 0], Distance=268.70, RemCap=264.0

Vehicle 2: Route=[0, 26, 65, 78, 47, 74, 67, 10, 60, 6, 1, 33, 30, 64, 0], Distance=242.47, RemCap=223.0

Vehicle 3: Route=[0, 66, 32, 34, 36, 7, 46, 77, 39, 13, 70, 0], Distance=224.79, RemCap=304.0

Vehicle 4: Route=[0, 17, 69, 41, 35, 54, 79, 62, 0], Distance=200.65, RemCap=353.0

Vehicle 5: Route=[0, 3, 68, 43, 50, 23, 61, 0], Distance=189.21, RemCap=418.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30010.72

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Ep 15/50 | Reward 6146.14 | Loss 1284888037.53 | Dist 1472.18 | Vehl 6

Vehicle 0: Route=[0, 45, 17, 13, 15, 39, 12, 50, 26, 20, 19, 21, 56, 44, 57, 31, 33, 49, 54, 1, 4, 2, 5, 6, 58, 11, 9, 47, 46, 43, 71, 0], Distance=335.45, RemCap=2.0

Vehicle 1: Route=[0, 79, 37, 3, 28, 27, 23, 18, 61, 65, 14, 78, 10, 8, 74, 0], Distance=281.73, RemCap=230.0

Vehicle 2: Route=[0, 53, 75, 68, 60, 76, 55, 35, 29, 24, 16, 59, 80, 0], Distance=292.09, RemCap=285.0

Vehicle 3: Route=[0, 34, 64, 22, 25, 41, 70, 52, 66, 48, 72, 0], Distance=217.09, RemCap=321.0

Vehicle 4: Route=[0, 51, 42, 73, 32, 30, 62, 38, 67, 0], Distance=181.94, RemCap=356.0

Vehicle 5: Route=[0, 36, 63, 7, 40, 69, 77, 0], Distance=163.89, RemCap=373.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31068.22

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Ep 16/50 | Reward 6439.26 | Loss 1433635296.53 | Dist 1524.76 | Vehl 6

Vehicle 0: Route=[0, 45, 41, 19, 18, 24, 12, 39, 17, 53, 46, 43, 47, 7, 10, 9, 58, 60, 48, 5, 37, 36, 4, 1, 54, 44, 30, 29, 31, 35, 0], Distance=348.37, RemCap=4.0

Vehicle 1: Route=[0, 66, 68, 59, 69, 51, 73, 50, 20, 21, 56, 49, 34, 76, 6, 79, 0], Distance=287.43, RemCap=237.0

Vehicle 2: Route=[0, 57, 22, 61, 40, 16, 78, 74, 38, 8, 2, 3, 63, 0], Distance=237.07, RemCap=279.0

Vehicle 3: Route=[0, 28, 75, 11, 72, 52, 42, 65, 14, 15, 80, 0], Distance=241.21, RemCap=331.0

Vehicle 4: Route=[0, 71, 70, 26, 23, 64, 55, 62, 0], Distance=194.09, RemCap=343.0

Vehicle 5: Route=[0, 32, 33, 27, 25, 13, 77, 67, 0], Distance=216.59, RemCap=373.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27328.65

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Ep 17/50 | Reward 5685.03 | Loss 1026909228.40 | Dist 1478.98 | Vehl 6

Vehicle 0: Route=[0, 54, 32, 34, 28, 27, 29, 57, 19, 20, 22, 24, 50, 12, 15, 13, 40, 14, 17, 43, 7, 8, 9, 11, 60, 6, 36, 1, 55, 48, 75, 0], Distance=309.31, RemCap=0.0

Vehicle 1: Route=[0, 49, 30, 21, 25, 70, 45, 53, 16, 46, 80, 74, 10, 67, 66, 0], Distance=227.78, RemCap=259.0

Vehicle 2: Route=[0, 5, 76, 2, 31, 44, 23, 73, 39, 77, 59, 47, 72, 71, 0], Distance=270.13, RemCap=279.0

Vehicle 3: Route=[0, 79, 68, 58, 4, 3, 64, 56, 26, 65, 0], Distance=223.54, RemCap=304.0

Vehicle 4: Route=[0, 33, 63, 38, 78, 52, 51, 18, 61, 0], Distance=254.17, RemCap=354.0

Vehicle 5: Route=[0, 62, 37, 35, 41, 42, 69, 0], Distance=194.05, RemCap=371.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32771.62

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Ep 18/50 | Reward 5607.77 | Loss 1002598835.12 | Dist 1438.58 | Vehl 6

Vehicle 0: Route=[0, 2, 5, 6, 4, 3, 31, 28, 27, 29, 57, 56, 23, 21, 19, 22, 24, 26, 53, 39, 15, 46, 43, 47, 7, 10, 60, 48, 0], Distance=323.14, RemCap=3.0

Vehicle 1: Route=[0, 49, 32, 44, 70, 41, 25, 73, 40, 59, 72, 9, 11, 58, 79, 71, 0], Distance=264.37, RemCap=286.0

Vehicle 2: Route=[0, 35, 20, 61, 42, 14, 17, 8, 38, 80, 69, 13, 65, 0], Distance=277.25, RemCap=299.0

Vehicle 3: Route=[0, 66, 52, 51, 50, 33, 34, 1, 36, 62, 0], Distance=181.92, RemCap=344.0

Vehicle 4: Route=[0, 54, 30, 64, 18, 12, 75, 67, 68, 0], Distance=223.42, RemCap=324.0

Vehicle 5: Route=[0, 45, 16, 77, 78, 74, 55, 63, 37, 76, 0], Distance=168.48, RemCap=311.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31579.03

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Ep 19/50 | Reward 5791.69 | Loss 1054319353.59 | Dist 1396.30 | Vehl 6

Vehicle 0: Route=[0, 44, 32, 30, 29, 27, 28, 34, 2, 5, 60, 8, 10, 59, 77, 15, 39, 40, 14, 17, 46, 43, 53, 45, 42, 50, 18, 19, 21, 23, 61, 0], Distance=329.02, RemCap=5.0

Vehicle 1: Route=[0, 52, 70, 26, 22, 24, 65, 78, 9, 48, 6, 76, 36, 35, 79, 0], Distance=257.47, RemCap=281.0

Vehicle 2: Route=[0, 54, 49, 41, 13, 47, 67, 7, 75, 63, 58, 62, 0], Distance=231.68, RemCap=251.0

Vehicle 3: Route=[0, 69, 73, 25, 64, 1, 3, 4, 37, 38, 74, 66, 0], Distance=249.00, RemCap=295.0

Vehicle 4: Route=[0, 55, 33, 31, 20, 12, 16, 71, 0], Distance=185.83, RemCap=352.0

Vehicle 5: Route=[0, 57, 56, 51, 80, 72, 11, 68, 0], Distance=143.29, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30478.01

--------------------------------------------------

Ep 20/50 | Reward 5493.25 | Loss 963822980.28 | Dist 1458.08 | Vehl 6

Vehicle 0: Route=[0, 52, 47, 59, 10, 11, 9, 8, 48, 6, 5, 2, 37, 4, 3, 1, 33, 31, 57, 56, 26, 20, 24, 41, 50, 15, 40, 17, 16, 0], Distance=319.41, RemCap=14.0

Vehicle 1: Route=[0, 70, 25, 18, 21, 29, 28, 36, 76, 58, 67, 68, 7, 80, 46, 43, 66, 0], Distance=251.48, RemCap=215.0

Vehicle 2: Route=[0, 79, 38, 63, 55, 32, 44, 19, 73, 51, 14, 39, 69, 0], Distance=262.46, RemCap=270.0

Vehicle 3: Route=[0, 54, 49, 34, 35, 42, 72, 75, 0], Distance=164.87, RemCap=406.0

Vehicle 4: Route=[0, 60, 71, 78, 77, 12, 45, 23, 61, 0], Distance=200.00, RemCap=369.0

Vehicle 5: Route=[0, 53, 74, 62, 30, 64, 27, 22, 13, 65, 0], Distance=259.85, RemCap=293.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35451.17

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Ep 21/50 | Reward 5602.00 | Loss 976762685.14 | Dist 1468.23 | Vehl 6

Vehicle 0: Route=[0, 52, 53, 14, 16, 43, 9, 38, 60, 58, 6, 5, 37, 3, 1, 55, 54, 34, 31, 28, 27, 29, 41, 42, 25, 20, 18, 19, 0], Distance=330.21, RemCap=0.0

Vehicle 1: Route=[0, 51, 77, 15, 13, 40, 45, 61, 22, 26, 56, 64, 33, 63, 79, 48, 67, 0], Distance=287.20, RemCap=207.0

Vehicle 2: Route=[0, 17, 46, 72, 10, 7, 76, 2, 32, 44, 70, 21, 50, 65, 0], Distance=267.21, RemCap=275.0

Vehicle 3: Route=[0, 49, 30, 35, 4, 36, 8, 74, 71, 12, 78, 0], Distance=214.35, RemCap=346.0

Vehicle 4: Route=[0, 59, 47, 68, 66, 57, 23, 24, 73, 0], Distance=212.16, RemCap=342.0

Vehicle 5: Route=[0, 62, 11, 75, 80, 39, 69, 0], Distance=157.11, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33258.23

--------------------------------------------------

Ep 22/50 | Reward 5973.44 | Loss 1139568726.06 | Dist 1433.59 | Vehl 6

Vehicle 0: Route=[0, 57, 41, 19, 18, 24, 50, 42, 12, 15, 40, 16, 51, 52, 47, 7, 58, 6, 37, 36, 3, 1, 34, 31, 28, 27, 32, 33, 0], Distance=329.90, RemCap=0.0

Vehicle 1: Route=[0, 23, 22, 25, 65, 53, 46, 72, 67, 60, 76, 4, 30, 55, 48, 75, 0], Distance=283.02, RemCap=248.0

Vehicle 2: Route=[0, 2, 63, 5, 62, 11, 39, 14, 73, 20, 21, 44, 29, 64, 0], Distance=263.45, RemCap=246.0

Vehicle 3: Route=[0, 54, 49, 35, 61, 69, 17, 43, 9, 38, 74, 0], Distance=191.17, RemCap=374.0

Vehicle 4: Route=[0, 45, 26, 56, 79, 68, 10, 59, 78, 13, 77, 0], Distance=248.47, RemCap=278.0

Vehicle 5: Route=[0, 70, 71, 80, 8, 66, 0], Distance=117.57, RemCap=421.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28470.78

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Ep 23/50 | Reward 5534.50 | Loss 972618244.09 | Dist 1491.69 | Vehl 6

Vehicle 0: Route=[0, 2, 5, 36, 4, 3, 35, 31, 28, 27, 29, 30, 49, 44, 19, 20, 26, 50, 45, 53, 16, 40, 12, 80, 59, 47, 43, 7, 9, 75, 0], Distance=357.21, RemCap=3.0

Vehicle 1: Route=[0, 6, 76, 62, 67, 68, 46, 17, 15, 51, 25, 22, 21, 61, 0], Distance=225.37, RemCap=287.0

Vehicle 2: Route=[0, 39, 18, 57, 32, 34, 55, 63, 8, 11, 72, 74, 71, 0], Distance=262.17, RemCap=264.0

Vehicle 3: Route=[0, 66, 60, 48, 54, 33, 64, 24, 73, 42, 14, 78, 0], Distance=234.44, RemCap=291.0

Vehicle 4: Route=[0, 10, 58, 37, 1, 56, 23, 65, 70, 0], Distance=223.19, RemCap=371.0

Vehicle 5: Route=[0, 79, 38, 52, 41, 13, 69, 77, 0], Distance=189.32, RemCap=351.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29943.62

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Ep 24/50 | Reward 5661.28 | Loss 972193976.63 | Dist 1518.97 | Vehl 6

Vehicle 0: Route=[0, 44, 32, 29, 27, 28, 35, 1, 37, 48, 60, 38, 10, 8, 75, 52, 53, 43, 59, 39, 12, 40, 16, 14, 42, 50, 25, 24, 23, 41, 73, 0], Distance=339.13, RemCap=1.0

Vehicle 1: Route=[0, 5, 76, 3, 34, 31, 64, 56, 19, 20, 61, 69, 77, 7, 9, 74, 0], Distance=276.79, RemCap=236.0

Vehicle 2: Route=[0, 57, 26, 22, 70, 45, 51, 15, 46, 72, 11, 58, 62, 66, 79, 0], Distance=234.98, RemCap=266.0

Vehicle 3: Route=[0, 18, 30, 49, 4, 36, 71, 47, 67, 0], Distance=254.94, RemCap=367.0

Vehicle 4: Route=[0, 6, 63, 55, 21, 13, 17, 78, 0], Distance=214.10, RemCap=337.0

Vehicle 5: Route=[0, 2, 33, 54, 65, 80, 68, 0], Distance=199.02, RemCap=360.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31450.45

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Ep 25/50 | Reward 6437.37 | Loss 1400268116.70 | Dist 1451.93 | Vehl 6

Vehicle 0: Route=[0, 52, 54, 35, 30, 32, 57, 41, 23, 21, 18, 22, 24, 50, 12, 39, 15, 13, 14, 16, 17, 46, 43, 47, 38, 60, 58, 2, 37, 36, 4, 0], Distance=312.13, RemCap=2.0

Vehicle 1: Route=[0, 45, 25, 20, 56, 3, 62, 48, 8, 67, 68, 74, 59, 69, 0], Distance=276.54, RemCap=244.0

Vehicle 2: Route=[0, 44, 27, 19, 73, 42, 51, 71, 9, 76, 1, 5, 75, 0], Distance=260.56, RemCap=310.0

Vehicle 3: Route=[0, 29, 31, 34, 33, 55, 66, 7, 77, 78, 0], Distance=181.61, RemCap=323.0

Vehicle 4: Route=[0, 63, 6, 10, 72, 53, 61, 26, 40, 65, 0], Distance=231.77, RemCap=320.0

Vehicle 5: Route=[0, 70, 80, 11, 79, 49, 28, 64, 0], Distance=189.31, RemCap=368.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27225.87

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Ep 26/50 | Reward 6083.19 | Loss 1204039321.48 | Dist 1462.01 | Vehl 6

Vehicle 0: Route=[0, 52, 45, 42, 12, 46, 7, 10, 9, 8, 60, 6, 5, 37, 36, 1, 49, 33, 34, 28, 57, 21, 19, 18, 20, 22, 25, 26, 70, 0], Distance=317.36, RemCap=0.0

Vehicle 1: Route=[0, 32, 30, 31, 27, 29, 24, 73, 14, 13, 80, 59, 74, 67, 38, 58, 63, 79, 0], Distance=277.03, RemCap=197.0

Vehicle 2: Route=[0, 23, 65, 69, 43, 47, 11, 75, 55, 3, 76, 0], Distance=246.53, RemCap=329.0

Vehicle 3: Route=[0, 53, 56, 64, 4, 72, 77, 16, 50, 61, 0], Distance=241.57, RemCap=354.0

Vehicle 4: Route=[0, 51, 15, 39, 41, 44, 2, 68, 66, 0], Distance=191.56, RemCap=320.0

Vehicle 5: Route=[0, 54, 35, 62, 48, 78, 40, 17, 71, 0], Distance=187.95, RemCap=367.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27927.77

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Ep 27/50 | Reward 5847.64 | Loss 1080858039.02 | Dist 1450.67 | Vehl 6

Vehicle 0: Route=[0, 52, 46, 59, 10, 38, 58, 48, 2, 36, 4, 3, 1, 33, 34, 31, 28, 29, 30, 19, 18, 22, 23, 26, 42, 14, 13, 0], Distance=319.09, RemCap=4.0

Vehicle 1: Route=[0, 43, 47, 77, 39, 16, 73, 20, 21, 70, 44, 35, 6, 8, 11, 72, 74, 0], Distance=295.28, RemCap=258.0

Vehicle 2: Route=[0, 53, 71, 7, 9, 5, 76, 37, 54, 56, 61, 25, 50, 69, 80, 0], Distance=251.76, RemCap=297.0

Vehicle 3: Route=[0, 64, 27, 41, 45, 65, 15, 17, 78, 62, 0], Distance=244.74, RemCap=300.0

Vehicle 4: Route=[0, 24, 12, 40, 79, 55, 63, 60, 67, 68, 0], Distance=224.93, RemCap=294.0

Vehicle 5: Route=[0, 51, 57, 32, 49, 66, 75, 0], Distance=114.87, RemCap=414.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30653.36

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Ep 28/50 | Reward 5530.01 | Loss 956598805.54 | Dist 1524.06 | Vehl 6

Vehicle 0: Route=[0, 53, 79, 54, 49, 56, 29, 27, 28, 31, 33, 1, 3, 37, 6, 58, 60, 9, 38, 10, 68, 74, 43, 15, 12, 40, 50, 24, 20, 18, 21, 61, 0], Distance=335.43, RemCap=10.0

Vehicle 1: Route=[0, 19, 22, 51, 52, 80, 47, 72, 11, 48, 62, 4, 63, 0], Distance=234.23, RemCap=273.0

Vehicle 2: Route=[0, 26, 23, 64, 30, 34, 36, 75, 8, 46, 16, 65, 77, 0], Distance=286.47, RemCap=254.0

Vehicle 3: Route=[0, 59, 13, 14, 45, 70, 57, 44, 55, 76, 0], Distance=210.67, RemCap=349.0

Vehicle 4: Route=[0, 2, 35, 25, 39, 69, 17, 67, 71, 0], Distance=232.70, RemCap=365.0

Vehicle 5: Route=[0, 73, 42, 41, 32, 5, 66, 7, 78, 0], Distance=224.57, RemCap=316.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32701.67

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Ep 29/50 | Reward 6295.28 | Loss 1277830799.13 | Dist 1545.41 | Vehl 6

Vehicle 0: Route=[0, 55, 5, 3, 1, 35, 34, 31, 27, 32, 49, 44, 57, 56, 26, 19, 18, 22, 45, 14, 17, 46, 43, 47, 7, 8, 11, 60, 75, 0], Distance=324.77, RemCap=4.0

Vehicle 1: Route=[0, 9, 38, 48, 37, 36, 33, 29, 25, 61, 73, 16, 15, 80, 77, 0], Distance=286.29, RemCap=327.0

Vehicle 2: Route=[0, 23, 50, 65, 59, 52, 66, 54, 76, 4, 28, 64, 0], Distance=283.78, RemCap=263.0

Vehicle 3: Route=[0, 39, 42, 20, 21, 30, 2, 63, 6, 10, 67, 74, 68, 0], Distance=251.58, RemCap=251.0

Vehicle 4: Route=[0, 53, 51, 24, 40, 13, 69, 71, 72, 62, 0], Distance=203.97, RemCap=322.0

Vehicle 5: Route=[0, 58, 79, 70, 41, 12, 78, 0], Distance=195.02, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27678.27

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Ep 30/50 | Reward 5624.89 | Loss 965124996.74 | Dist 1619.74 | Vehl 6

Vehicle 0: Route=[0, 52, 45, 42, 50, 23, 57, 27, 31, 35, 49, 54, 55, 3, 4, 36, 5, 6, 38, 10, 9, 7, 59, 46, 16, 39, 13, 40, 14, 0], Distance=345.43, RemCap=0.0

Vehicle 1: Route=[0, 66, 75, 8, 47, 15, 71, 53, 41, 25, 18, 70, 64, 29, 28, 1, 63, 0], Distance=299.94, RemCap=169.0

Vehicle 2: Route=[0, 61, 22, 20, 21, 32, 79, 2, 58, 60, 68, 74, 77, 0], Distance=250.15, RemCap=302.0

Vehicle 3: Route=[0, 51, 65, 19, 44, 33, 37, 62, 11, 78, 67, 0], Distance=284.09, RemCap=306.0

Vehicle 4: Route=[0, 43, 69, 26, 56, 34, 76, 0], Distance=206.84, RemCap=393.0

Vehicle 5: Route=[0, 48, 30, 24, 73, 12, 17, 80, 72, 0], Distance=233.28, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31606.07

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Ep 31/50 | Reward 5849.38 | Loss 1062008670.69 | Dist 1469.44 | Vehl 6

Vehicle 0: Route=[0, 53, 51, 54, 49, 44, 26, 19, 18, 22, 50, 42, 40, 12, 39, 15, 59, 7, 60, 58, 6, 4, 3, 35, 34, 31, 28, 27, 57, 0], Distance=345.96, RemCap=0.0

Vehicle 1: Route=[0, 1, 30, 64, 56, 41, 20, 25, 65, 73, 45, 14, 17, 69, 80, 10, 11, 62, 0], Distance=300.15, RemCap=180.0

Vehicle 2: Route=[0, 52, 9, 38, 74, 43, 46, 77, 13, 23, 70, 33, 76, 0], Distance=265.90, RemCap=322.0

Vehicle 3: Route=[0, 29, 21, 61, 16, 78, 47, 8, 48, 66, 79, 0], Distance=224.38, RemCap=318.0

Vehicle 4: Route=[0, 24, 55, 36, 63, 2, 68, 75, 0], Distance=180.52, RemCap=342.0

Vehicle 5: Route=[0, 32, 37, 5, 71, 72, 67, 0], Distance=152.53, RemCap=405.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31012.22

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Ep 32/50 | Reward 6102.44 | Loss 1146928259.52 | Dist 1531.08 | Vehl 6

Vehicle 0: Route=[0, 48, 11, 10, 47, 15, 40, 14, 16, 17, 52, 51, 50, 25, 22, 18, 23, 26, 56, 32, 28, 31, 35, 3, 37, 2, 6, 5, 0], Distance=326.51, RemCap=1.0

Vehicle 1: Route=[0, 44, 29, 57, 70, 45, 53, 12, 46, 43, 80, 38, 62, 55, 79, 66, 0], Distance=243.96, RemCap=262.0

Vehicle 2: Route=[0, 54, 1, 4, 60, 9, 67, 61, 41, 21, 19, 65, 77, 69, 0], Distance=271.76, RemCap=251.0

Vehicle 3: Route=[0, 27, 30, 49, 71, 39, 78, 74, 58, 36, 76, 0], Distance=246.33, RemCap=371.0

Vehicle 4: Route=[0, 13, 24, 63, 8, 7, 72, 68, 0], Distance=218.09, RemCap=310.0

Vehicle 5: Route=[0, 33, 34, 64, 20, 73, 42, 59, 75, 0], Distance=224.44, RemCap=372.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28919.68

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Ep 33/50 | Reward 6170.26 | Loss 1237939821.66 | Dist 1535.24 | Vehl 6

Vehicle 0: Route=[0, 53, 52, 43, 16, 14, 13, 12, 39, 59, 7, 8, 9, 10, 58, 48, 6, 3, 1, 55, 33, 31, 27, 29, 32, 57, 44, 23, 20, 50, 61, 0], Distance=359.37, RemCap=1.0

Vehicle 1: Route=[0, 66, 75, 60, 37, 54, 30, 26, 22, 24, 73, 15, 80, 46, 71, 0], Distance=252.53, RemCap=276.0

Vehicle 2: Route=[0, 79, 35, 28, 21, 65, 42, 45, 17, 69, 77, 47, 78, 0], Distance=254.20, RemCap=269.0

Vehicle 3: Route=[0, 67, 76, 36, 34, 19, 41, 40, 51, 70, 0], Distance=260.60, RemCap=354.0

Vehicle 4: Route=[0, 25, 18, 49, 4, 74, 72, 11, 62, 0], Distance=237.60, RemCap=351.0

Vehicle 5: Route=[0, 56, 64, 68, 38, 5, 2, 63, 0], Distance=170.94, RemCap=316.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29682.00

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Ep 34/50 | Reward 6171.63 | Loss 1190186063.02 | Dist 1520.45 | Vehl 6

Vehicle 0: Route=[0, 54, 44, 45, 50, 25, 24, 20, 57, 32, 29, 28, 31, 4, 37, 2, 5, 6, 58, 60, 38, 11, 47, 16, 14, 40, 13, 39, 77, 0], Distance=346.70, RemCap=2.0

Vehicle 1: Route=[0, 66, 75, 3, 30, 23, 22, 41, 42, 15, 69, 53, 52, 43, 59, 72, 9, 68, 0], Distance=315.66, RemCap=218.0

Vehicle 2: Route=[0, 35, 64, 26, 61, 65, 12, 17, 46, 10, 8, 76, 62, 0], Distance=258.97, RemCap=263.0

Vehicle 3: Route=[0, 51, 80, 71, 55, 33, 34, 1, 63, 0], Distance=166.52, RemCap=347.0

Vehicle 4: Route=[0, 48, 7, 73, 18, 70, 0], Distance=160.30, RemCap=396.0

Vehicle 5: Route=[0, 56, 21, 19, 27, 49, 36, 67, 74, 78, 79, 0], Distance=272.29, RemCap=341.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29176.99

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Ep 35/50 | Reward 5264.38 | Loss 829765608.04 | Dist 1440.92 | Vehl 6

Vehicle 0: Route=[0, 51, 41, 24, 22, 20, 19, 57, 29, 28, 64, 30, 33, 35, 1, 3, 5, 6, 58, 11, 7, 47, 80, 46, 14, 12, 39, 15, 69, 77, 0], Distance=320.60, RemCap=23.0

Vehicle 1: Route=[0, 74, 72, 9, 36, 4, 55, 49, 34, 32, 56, 61, 50, 65, 0], Distance=221.28, RemCap=304.0

Vehicle 2: Route=[0, 23, 21, 18, 16, 59, 75, 48, 37, 62, 67, 0], Distance=263.46, RemCap=302.0

Vehicle 3: Route=[0, 52, 53, 13, 73, 44, 31, 2, 76, 60, 38, 68, 0], Distance=210.36, RemCap=247.0

Vehicle 4: Route=[0, 45, 40, 25, 26, 70, 54, 66, 10, 71, 0], Distance=201.43, RemCap=339.0

Vehicle 5: Route=[0, 8, 43, 78, 17, 42, 27, 63, 79, 0], Distance=223.79, RemCap=352.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32332.41

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Ep 36/50 | Reward 5982.85 | Loss 1117749213.68 | Dist 1582.12 | Vehl 6

Vehicle 0: Route=[0, 53, 46, 43, 59, 15, 39, 40, 17, 14, 50, 22, 20, 19, 26, 61, 45, 44, 30, 28, 31, 34, 55, 2, 3, 37, 6, 79, 75, 48, 58, 11, 74, 0], Distance=393.79, RemCap=2.0

Vehicle 1: Route=[0, 60, 36, 33, 32, 70, 24, 42, 77, 47, 73, 0], Distance=273.00, RemCap=351.0

Vehicle 2: Route=[0, 52, 51, 65, 57, 29, 35, 1, 8, 68, 38, 10, 67, 0], Distance=218.38, RemCap=278.0

Vehicle 3: Route=[0, 66, 7, 80, 78, 16, 12, 41, 18, 27, 63, 0], Distance=260.69, RemCap=235.0

Vehicle 4: Route=[0, 72, 9, 62, 49, 64, 56, 21, 13, 69, 0], Distance=246.38, RemCap=317.0

Vehicle 5: Route=[0, 71, 25, 23, 54, 5, 4, 76, 0], Distance=189.89, RemCap=384.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28620.84

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Ep 37/50 | Reward 6071.51 | Loss 1165712312.69 | Dist 1448.88 | Vehl 6

Vehicle 0: Route=[0, 54, 55, 44, 30, 1, 4, 36, 37, 5, 48, 60, 8, 10, 7, 43, 17, 15, 39, 12, 13, 42, 50, 22, 19, 26, 45, 51, 53, 75, 0], Distance=325.16, RemCap=1.0

Vehicle 1: Route=[0, 41, 20, 21, 56, 57, 32, 29, 31, 66, 11, 63, 3, 76, 62, 0], Distance=261.62, RemCap=231.0

Vehicle 2: Route=[0, 2, 58, 38, 67, 72, 47, 40, 65, 25, 18, 27, 64, 0], Distance=244.82, RemCap=275.0

Vehicle 3: Route=[0, 49, 33, 24, 52, 9, 68, 74, 80, 59, 77, 0], Distance=245.93, RemCap=354.0

Vehicle 4: Route=[0, 28, 34, 35, 79, 71, 78, 16, 14, 73, 0], Distance=180.81, RemCap=311.0

Vehicle 5: Route=[0, 6, 46, 69, 23, 70, 61, 0], Distance=190.53, RemCap=395.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30355.38

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Ep 38/50 | Reward 5747.17 | Loss 1023961835.69 | Dist 1438.76 | Vehl 6

Vehicle 0: Route=[0, 52, 43, 46, 59, 47, 10, 11, 9, 4, 3, 1, 55, 54, 44, 32, 30, 26, 23, 21, 19, 22, 50, 42, 12, 13, 40, 17, 53, 45, 0], Distance=342.29, RemCap=3.0

Vehicle 1: Route=[0, 75, 8, 6, 2, 33, 64, 18, 61, 14, 16, 15, 77, 78, 74, 0], Distance=275.64, RemCap=245.0

Vehicle 2: Route=[0, 51, 65, 25, 24, 70, 28, 31, 35, 49, 63, 37, 62, 38, 48, 79, 0], Distance=247.98, RemCap=211.0

Vehicle 3: Route=[0, 7, 68, 58, 66, 29, 57, 56, 41, 73, 39, 69, 0], Distance=226.61, RemCap=278.0

Vehicle 4: Route=[0, 20, 27, 34, 36, 60, 71, 80, 72, 0], Distance=245.83, RemCap=380.0

Vehicle 5: Route=[0, 5, 76, 67, 0], Distance=100.40, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34363.10

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Ep 39/50 | Reward 5991.73 | Loss 1079294400.20 | Dist 1426.17 | Vehl 6

Vehicle 0: Route=[0, 10, 11, 60, 36, 3, 2, 54, 49, 32, 34, 27, 57, 44, 45, 14, 16, 13, 39, 12, 42, 50, 24, 18, 21, 23, 26, 61, 0], Distance=320.55, RemCap=2.0

Vehicle 1: Route=[0, 51, 25, 56, 64, 29, 31, 55, 4, 37, 5, 8, 68, 7, 71, 77, 69, 0], Distance=284.42, RemCap=174.0

Vehicle 2: Route=[0, 52, 48, 74, 47, 80, 78, 15, 73, 22, 20, 30, 33, 63, 0], Distance=272.07, RemCap=292.0

Vehicle 3: Route=[0, 66, 72, 17, 53, 70, 41, 19, 28, 35, 1, 79, 0], Distance=247.32, RemCap=292.0

Vehicle 4: Route=[0, 58, 9, 38, 67, 40, 65, 0], Distance=143.63, RemCap=414.0

Vehicle 5: Route=[0, 46, 59, 43, 75, 62, 6, 76, 0], Distance=158.19, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30313.49

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Ep 40/50 | Reward 5689.20 | Loss 989453392.99 | Dist 1481.24 | Vehl 6

Vehicle 0: Route=[0, 49, 44, 30, 33, 35, 31, 28, 29, 57, 23, 26, 41, 45, 51, 46, 17, 13, 12, 39, 15, 59, 47, 11, 38, 9, 37, 36, 1, 3, 0], Distance=320.98, RemCap=3.0

Vehicle 1: Route=[0, 52, 75, 43, 78, 42, 22, 56, 64, 27, 4, 63, 2, 6, 58, 67, 72, 0], Distance=301.89, RemCap=218.0

Vehicle 2: Route=[0, 53, 70, 19, 14, 16, 77, 74, 10, 60, 48, 79, 55, 76, 0], Distance=255.55, RemCap=265.0

Vehicle 3: Route=[0, 71, 8, 5, 34, 21, 50, 65, 69, 0], Distance=232.34, RemCap=348.0

Vehicle 4: Route=[0, 54, 32, 18, 61, 40, 7, 68, 62, 0], Distance=221.41, RemCap=316.0

Vehicle 5: Route=[0, 66, 80, 25, 20, 24, 73, 0], Distance=149.07, RemCap=417.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31932.23

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Ep 41/50 | Reward 5804.95 | Loss 1035115804.35 | Dist 1561.84 | Vehl 6

Vehicle 0: Route=[0, 53, 7, 48, 54, 29, 27, 28, 31, 4, 37, 58, 60, 11, 47, 46, 17, 14, 40, 15, 39, 50, 25, 24, 22, 20, 19, 23, 41, 44, 61, 0], Distance=396.46, RemCap=7.0

Vehicle 1: Route=[0, 66, 79, 64, 56, 45, 42, 43, 72, 9, 8, 62, 6, 1, 63, 0], Distance=231.67, RemCap=222.0

Vehicle 2: Route=[0, 70, 21, 32, 34, 3, 5, 38, 80, 78, 69, 13, 12, 65, 0], Distance=274.48, RemCap=252.0

Vehicle 3: Route=[0, 36, 33, 30, 18, 26, 52, 71, 74, 67, 77, 0], Distance=273.76, RemCap=332.0

Vehicle 4: Route=[0, 57, 49, 55, 2, 75, 68, 59, 73, 0], Distance=192.22, RemCap=351.0

Vehicle 5: Route=[0, 51, 16, 10, 35, 76, 0], Distance=193.25, RemCap=403.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31709.58

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Ep 42/50 | Reward 5722.40 | Loss 967491659.62 | Dist 1403.80 | Vehl 6

Vehicle 0: Route=[0, 53, 51, 46, 80, 59, 39, 13, 40, 14, 25, 24, 22, 18, 19, 21, 23, 26, 56, 32, 35, 49, 54, 1, 4, 5, 6, 58, 38, 8, 75, 79, 0], Distance=335.17, RemCap=0.0

Vehicle 1: Route=[0, 17, 15, 12, 61, 20, 57, 27, 30, 3, 36, 63, 2, 11, 67, 74, 66, 0], Distance=271.14, RemCap=232.0

Vehicle 2: Route=[0, 55, 34, 28, 44, 41, 42, 65, 69, 78, 43, 71, 68, 0], Distance=225.68, RemCap=213.0

Vehicle 3: Route=[0, 45, 73, 16, 47, 72, 10, 7, 48, 37, 64, 0], Distance=195.51, RemCap=287.0

Vehicle 4: Route=[0, 31, 29, 52, 50, 77, 9, 62, 76, 0], Distance=251.57, RemCap=381.0

Vehicle 5: Route=[0, 60, 33, 70, 0], Distance=124.73, RemCap=454.0

Total vehicle waiting time = 181.66

Total customer waiting time = 32535.49

--------------------------------------------------

Ep 43/50 | Reward 5594.11 | Loss 968036237.22 | Dist 1553.61 | Vehl 6

Vehicle 0: Route=[0, 52, 51, 17, 40, 13, 15, 39, 50, 22, 20, 21, 26, 56, 29, 34, 32, 54, 79, 3, 36, 5, 6, 48, 60, 58, 11, 8, 7, 59, 43, 71, 0], Distance=353.91, RemCap=7.0

Vehicle 1: Route=[0, 70, 25, 18, 57, 44, 2, 67, 10, 47, 78, 14, 69, 0], Distance=263.11, RemCap=278.0

Vehicle 2: Route=[0, 49, 31, 75, 46, 74, 9, 38, 63, 1, 76, 0], Distance=211.74, RemCap=323.0

Vehicle 3: Route=[0, 53, 41, 24, 28, 64, 30, 33, 66, 68, 0], Distance=190.27, RemCap=287.0

Vehicle 4: Route=[0, 72, 80, 12, 42, 45, 61, 19, 35, 55, 4, 62, 0], Distance=279.17, RemCap=318.0

Vehicle 5: Route=[0, 27, 37, 77, 16, 65, 23, 73, 0], Distance=255.40, RemCap=354.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32090.04

--------------------------------------------------

Ep 44/50 | Reward 5951.28 | Loss 1088608867.74 | Dist 1421.90 | Vehl 6

Vehicle 0: Route=[0, 14, 13, 39, 59, 47, 7, 9, 11, 6, 5, 37, 36, 3, 2, 33, 31, 27, 29, 30, 32, 57, 26, 23, 19, 18, 20, 24, 25, 0], Distance=314.99, RemCap=7.0

Vehicle 1: Route=[0, 74, 68, 8, 48, 4, 79, 55, 49, 21, 41, 42, 40, 69, 77, 78, 0], Distance=270.82, RemCap=209.0

Vehicle 2: Route=[0, 54, 1, 34, 56, 70, 61, 73, 51, 12, 17, 72, 60, 75, 71, 0], Distance=241.25, RemCap=291.0

Vehicle 3: Route=[0, 44, 35, 63, 10, 46, 16, 45, 22, 50, 65, 0], Distance=254.69, RemCap=285.0

Vehicle 4: Route=[0, 53, 80, 38, 58, 76, 0], Distance=123.97, RemCap=451.0

Vehicle 5: Route=[0, 64, 28, 66, 52, 15, 43, 67, 62, 0], Distance=216.17, RemCap=324.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30725.76

--------------------------------------------------

Ep 45/50 | Reward 5898.10 | Loss 1070158762.23 | Dist 1462.72 | Vehl 6

Vehicle 0: Route=[0, 52, 53, 45, 14, 40, 50, 25, 18, 20, 24, 26, 56, 44, 57, 29, 27, 31, 32, 49, 3, 4, 36, 2, 5, 6, 60, 10, 7, 80, 0], Distance=317.26, RemCap=11.0

Vehicle 1: Route=[0, 70, 23, 34, 1, 37, 55, 66, 48, 62, 9, 38, 11, 67, 74, 0], Distance=244.03, RemCap=244.0

Vehicle 2: Route=[0, 75, 58, 72, 47, 43, 46, 16, 69, 15, 42, 41, 65, 0], Distance=204.82, RemCap=275.0

Vehicle 3: Route=[0, 61, 22, 21, 28, 35, 33, 54, 8, 77, 78, 0], Distance=240.97, RemCap=349.0

Vehicle 4: Route=[0, 51, 17, 13, 39, 59, 71, 63, 64, 0], Distance=205.66, RemCap=322.0

Vehicle 5: Route=[0, 79, 68, 76, 30, 19, 12, 73, 0], Distance=249.98, RemCap=366.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28844.55

--------------------------------------------------

Ep 46/50 | Reward 6261.67 | Loss 1306046170.35 | Dist 1489.10 | Vehl 6

Vehicle 0: Route=[0, 54, 55, 8, 10, 11, 6, 5, 37, 4, 3, 2, 34, 29, 32, 56, 41, 26, 21, 19, 20, 25, 53, 46, 43, 59, 15, 12, 14, 40, 0], Distance=379.70, RemCap=4.0

Vehicle 1: Route=[0, 33, 24, 50, 73, 16, 77, 80, 52, 68, 9, 58, 76, 0], Distance=271.03, RemCap=320.0

Vehicle 2: Route=[0, 44, 30, 27, 28, 31, 62, 67, 74, 47, 17, 71, 66, 0], Distance=201.90, RemCap=243.0

Vehicle 3: Route=[0, 39, 69, 38, 60, 48, 63, 1, 49, 57, 70, 0], Distance=204.78, RemCap=320.0

Vehicle 4: Route=[0, 79, 36, 35, 23, 18, 61, 65, 13, 78, 0], Distance=237.98, RemCap=320.0

Vehicle 5: Route=[0, 75, 7, 72, 51, 45, 42, 22, 64, 0], Distance=193.71, RemCap=360.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26712.66

--------------------------------------------------

Ep 47/50 | Reward 6048.39 | Loss 1138554966.57 | Dist 1463.89 | Vehl 6

Vehicle 0: Route=[0, 54, 79, 6, 1, 35, 34, 31, 28, 29, 30, 57, 44, 56, 19, 18, 20, 22, 25, 50, 42, 14, 40, 13, 17, 53, 47, 10, 38, 8, 75, 0], Distance=314.12, RemCap=0.0

Vehicle 1: Route=[0, 32, 64, 4, 36, 48, 68, 80, 59, 15, 24, 26, 45, 71, 66, 0], Distance=291.96, RemCap=228.0

Vehicle 2: Route=[0, 33, 63, 60, 9, 11, 67, 46, 51, 41, 65, 16, 39, 77, 78, 0], Distance=271.22, RemCap=195.0

Vehicle 3: Route=[0, 70, 23, 49, 5, 62, 7, 72, 43, 69, 0], Distance=228.84, RemCap=339.0

Vehicle 4: Route=[0, 27, 37, 76, 52, 12, 21, 61, 73, 0], Distance=245.21, RemCap=393.0

Vehicle 5: Route=[0, 55, 3, 2, 58, 74, 0], Distance=112.54, RemCap=412.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28381.28

--------------------------------------------------

Ep 48/50 | Reward 6097.57 | Loss 1182232821.66 | Dist 1479.40 | Vehl 6

Vehicle 0: Route=[0, 53, 51, 43, 17, 40, 15, 39, 12, 42, 50, 25, 22, 18, 21, 26, 61, 44, 49, 57, 32, 28, 35, 33, 1, 4, 2, 6, 48, 58, 11, 67, 74, 0], Distance=339.49, RemCap=1.0

Vehicle 1: Route=[0, 27, 34, 36, 37, 54, 71, 72, 47, 77, 16, 45, 41, 23, 70, 0], Distance=285.19, RemCap=250.0

Vehicle 2: Route=[0, 52, 73, 24, 30, 31, 3, 76, 60, 78, 69, 0], Distance=261.94, RemCap=319.0

Vehicle 3: Route=[0, 64, 29, 19, 20, 13, 14, 68, 8, 38, 63, 0], Distance=241.55, RemCap=270.0

Vehicle 4: Route=[0, 56, 55, 79, 66, 46, 59, 10, 9, 7, 75, 0], Distance=183.03, RemCap=316.0

Vehicle 5: Route=[0, 5, 62, 65, 80, 0], Distance=168.20, RemCap=411.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28579.05

--------------------------------------------------

Ep 49/50 | Reward 5688.75 | Loss 1040101438.40 | Dist 1519.13 | Vehl 6

Vehicle 0: Route=[0, 54, 44, 56, 57, 33, 31, 34, 49, 36, 48, 38, 10, 68, 7, 43, 16, 40, 45, 41, 23, 21, 19, 22, 24, 50, 15, 59, 47, 72, 0], Distance=388.05, RemCap=12.0

Vehicle 1: Route=[0, 66, 75, 67, 9, 6, 63, 2, 32, 28, 20, 53, 17, 13, 12, 78, 0], Distance=302.04, RemCap=172.0

Vehicle 2: Route=[0, 52, 14, 61, 18, 27, 29, 64, 35, 4, 76, 5, 74, 0], Distance=247.17, RemCap=301.0

Vehicle 3: Route=[0, 71, 11, 37, 3, 1, 30, 26, 25, 73, 69, 0], Distance=248.26, RemCap=327.0

Vehicle 4: Route=[0, 62, 60, 51, 70, 42, 77, 39, 65, 0], Distance=216.41, RemCap=350.0

Vehicle 5: Route=[0, 46, 80, 8, 58, 55, 79, 0], Distance=117.20, RemCap=405.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32687.17

--------------------------------------------------

Ep 50/50 | Reward 5705.06 | Loss 963567654.52 | Dist 1567.33 | Vehl 6

Vehicle 0: Route=[0, 41, 26, 23, 20, 24, 51, 13, 43, 47, 7, 10, 11, 38, 9, 60, 58, 6, 37, 4, 1, 36, 2, 55, 49, 34, 32, 44, 0], Distance=306.87, RemCap=1.0

Vehicle 1: Route=[0, 52, 54, 31, 29, 56, 61, 73, 42, 16, 15, 78, 71, 8, 48, 63, 0], Distance=256.91, RemCap=207.0

Vehicle 2: Route=[0, 66, 68, 62, 5, 35, 28, 64, 45, 25, 50, 14, 17, 46, 80, 0], Distance=268.52, RemCap=217.0

Vehicle 3: Route=[0, 57, 30, 27, 21, 70, 53, 40, 12, 72, 67, 76, 0], Distance=271.09, RemCap=357.0

Vehicle 4: Route=[0, 3, 19, 39, 69, 77, 0], Distance=214.88, RemCap=423.0

Vehicle 5: Route=[0, 59, 74, 75, 79, 33, 18, 22, 65, 0], Distance=249.06, RemCap=362.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31476.20

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--- Training with max\_vehicles = 7 ---

Ep 1/50 | Reward 5668.60 | Loss 1080662768.40 | Dist 1663.64 | Vehl 7

Vehicle 0: Route=[0, 52, 45, 15, 39, 12, 42, 41, 24, 22, 20, 19, 21, 23, 44, 30, 28, 31, 35, 4, 36, 48, 75, 60, 58, 9, 10, 7, 47, 59, 77, 0], Distance=371.85, RemCap=4.0

Vehicle 1: Route=[0, 54, 27, 63, 6, 71, 53, 13, 16, 46, 38, 67, 0], Distance=235.83, RemCap=235.0

Vehicle 2: Route=[0, 50, 25, 26, 29, 33, 3, 62, 8, 72, 80, 0], Distance=232.05, RemCap=356.0

Vehicle 3: Route=[0, 49, 76, 5, 66, 68, 43, 14, 40, 69, 0], Distance=171.71, RemCap=341.0

Vehicle 4: Route=[0, 74, 1, 32, 57, 56, 18, 17, 61, 0], Distance=251.96, RemCap=375.0

Vehicle 5: Route=[0, 55, 34, 37, 78, 51, 73, 70, 0], Distance=200.68, RemCap=383.0

Vehicle 6: Route=[0, 65, 11, 79, 2, 64, 0], Distance=199.56, RemCap=373.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30139.82

--------------------------------------------------

Ep 2/50 | Reward 5383.05 | Loss 917021346.44 | Dist 1638.09 | Vehl 7

Vehicle 0: Route=[0, 2, 6, 37, 3, 34, 27, 35, 33, 32, 54, 44, 56, 70, 41, 21, 19, 18, 22, 25, 61, 42, 39, 40, 46, 71, 43, 59, 7, 10, 67, 0], Distance=374.01, RemCap=11.0

Vehicle 1: Route=[0, 55, 29, 26, 12, 15, 16, 80, 47, 72, 48, 63, 4, 76, 0], Distance=261.10, RemCap=243.0

Vehicle 2: Route=[0, 49, 28, 57, 53, 14, 68, 58, 75, 79, 0], Distance=194.82, RemCap=351.0

Vehicle 3: Route=[0, 23, 65, 77, 17, 51, 45, 52, 9, 36, 62, 0], Distance=259.88, RemCap=330.0

Vehicle 4: Route=[0, 30, 64, 50, 73, 8, 38, 60, 66, 0], Distance=177.34, RemCap=352.0

Vehicle 5: Route=[0, 20, 31, 1, 5, 11, 74, 0], Distance=207.68, RemCap=380.0

Vehicle 6: Route=[0, 24, 13, 78, 69, 0], Distance=163.25, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31134.96

--------------------------------------------------

Ep 3/50 | Reward 5781.00 | Loss 1064529535.70 | Dist 1647.43 | Vehl 7

Vehicle 0: Route=[0, 54, 49, 32, 29, 28, 34, 55, 1, 36, 5, 8, 7, 10, 47, 43, 53, 45, 21, 18, 50, 14, 16, 40, 13, 12, 39, 0], Distance=325.26, RemCap=4.0

Vehicle 1: Route=[0, 66, 38, 58, 60, 48, 6, 35, 33, 30, 19, 20, 65, 69, 80, 46, 71, 0], Distance=267.06, RemCap=227.0

Vehicle 2: Route=[0, 41, 26, 22, 24, 17, 75, 3, 37, 74, 72, 59, 77, 0], Distance=280.03, RemCap=332.0

Vehicle 3: Route=[0, 76, 68, 15, 42, 73, 57, 31, 64, 0], Distance=214.02, RemCap=335.0

Vehicle 4: Route=[0, 61, 25, 51, 52, 9, 4, 62, 0], Distance=199.66, RemCap=394.0

Vehicle 5: Route=[0, 78, 23, 44, 63, 2, 79, 0], Distance=202.14, RemCap=358.0

Vehicle 6: Route=[0, 67, 11, 27, 56, 70, 0], Distance=159.26, RemCap=417.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28018.27

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Ep 4/50 | Reward 5914.37 | Loss 1111841830.43 | Dist 1640.16 | Vehl 7

Vehicle 0: Route=[0, 49, 30, 29, 27, 28, 34, 35, 55, 36, 2, 48, 58, 8, 47, 46, 52, 16, 40, 13, 15, 12, 42, 45, 25, 24, 21, 19, 22, 0], Distance=339.44, RemCap=0.0

Vehicle 1: Route=[0, 53, 26, 44, 32, 31, 1, 54, 66, 75, 11, 67, 68, 59, 69, 0], Distance=295.15, RemCap=189.0

Vehicle 2: Route=[0, 4, 60, 38, 71, 78, 39, 17, 14, 56, 61, 0], Distance=229.22, RemCap=361.0

Vehicle 3: Route=[0, 73, 50, 18, 23, 70, 33, 3, 79, 7, 80, 0], Distance=241.39, RemCap=343.0

Vehicle 4: Route=[0, 43, 41, 64, 63, 6, 9, 10, 72, 74, 0], Distance=209.78, RemCap=317.0

Vehicle 5: Route=[0, 51, 65, 20, 57, 37, 76, 0], Distance=179.75, RemCap=414.0

Vehicle 6: Route=[0, 77, 5, 62, 0], Distance=145.43, RemCap=443.0

Total vehicle waiting time = 10.84

Total customer waiting time = 28633.82

--------------------------------------------------

Ep 5/50 | Reward 5823.34 | Loss 1141507425.89 | Dist 1606.43 | Vehl 7

Vehicle 0: Route=[0, 37, 6, 48, 7, 43, 59, 77, 17, 16, 14, 39, 12, 65, 42, 50, 25, 24, 22, 19, 21, 26, 29, 27, 28, 35, 32, 49, 56, 45, 61, 0], Distance=372.64, RemCap=16.0

Vehicle 1: Route=[0, 64, 20, 13, 72, 11, 60, 58, 5, 2, 3, 55, 79, 75, 0], Distance=272.50, RemCap=254.0

Vehicle 2: Route=[0, 66, 47, 53, 44, 30, 18, 41, 70, 0], Distance=209.07, RemCap=343.0

Vehicle 3: Route=[0, 57, 31, 4, 36, 76, 38, 9, 8, 80, 74, 0], Distance=182.25, RemCap=354.0

Vehicle 4: Route=[0, 63, 1, 34, 23, 52, 46, 15, 78, 68, 0], Distance=261.89, RemCap=291.0

Vehicle 5: Route=[0, 54, 33, 62, 10, 69, 51, 71, 0], Distance=193.23, RemCap=357.0

Vehicle 6: Route=[0, 67, 40, 73, 0], Distance=114.84, RemCap=452.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27558.52

--------------------------------------------------

Ep 6/50 | Reward 6032.10 | Loss 1209624587.70 | Dist 1598.34 | Vehl 7

Vehicle 0: Route=[0, 53, 52, 43, 46, 39, 13, 14, 45, 41, 24, 19, 23, 56, 57, 29, 28, 31, 35, 55, 3, 37, 2, 5, 6, 48, 9, 11, 72, 0], Distance=311.05, RemCap=1.0

Vehicle 1: Route=[0, 54, 49, 30, 4, 36, 76, 58, 60, 10, 69, 21, 61, 73, 0], Distance=258.04, RemCap=307.0

Vehicle 2: Route=[0, 34, 27, 64, 42, 16, 17, 40, 15, 59, 74, 66, 0], Distance=207.75, RemCap=278.0

Vehicle 3: Route=[0, 26, 20, 22, 25, 65, 47, 1, 79, 71, 0], Distance=235.60, RemCap=339.0

Vehicle 4: Route=[0, 44, 32, 62, 38, 7, 51, 12, 80, 0], Distance=203.63, RemCap=349.0

Vehicle 5: Route=[0, 75, 68, 77, 18, 33, 63, 0], Distance=239.61, RemCap=368.0

Vehicle 6: Route=[0, 8, 67, 78, 50, 70, 0], Distance=142.67, RemCap=425.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25003.42

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Ep 7/50 | Reward 6099.36 | Loss 1254956632.07 | Dist 1576.87 | Vehl 7

Vehicle 0: Route=[0, 52, 45, 41, 26, 21, 20, 24, 50, 42, 12, 15, 17, 46, 7, 8, 11, 6, 1, 34, 35, 30, 29, 32, 44, 49, 54, 55, 2, 75, 0], Distance=333.44, RemCap=3.0

Vehicle 1: Route=[0, 57, 70, 22, 61, 73, 51, 14, 40, 39, 67, 10, 9, 5, 36, 79, 0], Distance=240.58, RemCap=309.0

Vehicle 2: Route=[0, 66, 60, 76, 64, 28, 18, 25, 16, 13, 77, 59, 43, 71, 0], Distance=276.42, RemCap=205.0

Vehicle 3: Route=[0, 27, 48, 58, 38, 74, 78, 65, 0], Distance=213.49, RemCap=377.0

Vehicle 4: Route=[0, 53, 80, 23, 19, 33, 37, 63, 0], Distance=209.96, RemCap=376.0

Vehicle 5: Route=[0, 56, 31, 4, 62, 72, 47, 69, 0], Distance=202.97, RemCap=347.0

Vehicle 6: Route=[0, 3, 68, 0], Distance=100.01, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28279.05

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Ep 8/50 | Reward 5351.85 | Loss 906662158.43 | Dist 1660.96 | Vehl 7

Vehicle 0: Route=[0, 57, 29, 28, 35, 49, 1, 3, 2, 5, 62, 58, 38, 7, 48, 52, 53, 80, 17, 13, 39, 50, 26, 21, 19, 18, 24, 25, 65, 0], Distance=362.47, RemCap=4.0

Vehicle 1: Route=[0, 54, 36, 31, 20, 12, 15, 14, 46, 71, 11, 74, 77, 0], Distance=303.92, RemCap=304.0

Vehicle 2: Route=[0, 33, 30, 32, 70, 41, 45, 51, 59, 67, 9, 66, 0], Distance=201.20, RemCap=312.0

Vehicle 3: Route=[0, 34, 64, 23, 61, 16, 69, 43, 8, 79, 0], Distance=212.90, RemCap=318.0

Vehicle 4: Route=[0, 44, 22, 27, 63, 6, 60, 10, 78, 68, 0], Distance=259.87, RemCap=287.0

Vehicle 5: Route=[0, 4, 37, 40, 42, 73, 0], Distance=141.09, RemCap=423.0

Vehicle 6: Route=[0, 56, 55, 75, 47, 72, 76, 0], Distance=179.49, RemCap=419.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31196.33

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Ep 9/50 | Reward 5236.83 | Loss 835691245.96 | Dist 1672.53 | Vehl 7

Vehicle 0: Route=[0, 52, 51, 17, 13, 15, 39, 41, 23, 19, 56, 57, 30, 28, 34, 35, 49, 1, 3, 4, 36, 5, 48, 60, 7, 47, 78, 0], Distance=319.86, RemCap=23.0

Vehicle 1: Route=[0, 79, 55, 33, 29, 45, 65, 40, 14, 43, 10, 68, 66, 0], Distance=204.70, RemCap=281.0

Vehicle 2: Route=[0, 70, 26, 18, 50, 77, 74, 8, 11, 58, 6, 32, 64, 0], Distance=258.23, RemCap=283.0

Vehicle 3: Route=[0, 37, 75, 67, 16, 42, 20, 21, 73, 0], Distance=211.19, RemCap=368.0

Vehicle 4: Route=[0, 2, 62, 38, 72, 59, 12, 61, 53, 80, 0], Distance=229.03, RemCap=357.0

Vehicle 5: Route=[0, 54, 31, 24, 25, 71, 9, 69, 0], Distance=240.56, RemCap=374.0

Vehicle 6: Route=[0, 46, 22, 44, 27, 76, 63, 0], Distance=208.97, RemCap=381.0

Total vehicle waiting time = 130.68

Total customer waiting time = 31698.72

--------------------------------------------------

Ep 10/50 | Reward 5527.12 | Loss 996110682.51 | Dist 1558.43 | Vehl 7

Vehicle 0: Route=[0, 54, 52, 51, 17, 15, 13, 14, 42, 50, 24, 22, 20, 26, 61, 56, 32, 29, 28, 34, 35, 37, 5, 48, 60, 58, 38, 9, 7, 47, 59, 80, 0], Distance=351.21, RemCap=2.0

Vehicle 1: Route=[0, 44, 33, 3, 36, 76, 75, 67, 74, 53, 45, 23, 19, 25, 73, 0], Distance=246.30, RemCap=296.0

Vehicle 2: Route=[0, 2, 63, 64, 27, 18, 12, 39, 77, 46, 43, 72, 0], Distance=261.45, RemCap=277.0

Vehicle 3: Route=[0, 79, 4, 6, 11, 10, 8, 21, 65, 40, 78, 0], Distance=260.73, RemCap=313.0

Vehicle 4: Route=[0, 57, 16, 71, 68, 0], Distance=132.60, RemCap=397.0

Vehicle 5: Route=[0, 66, 49, 30, 70, 0], Distance=94.20, RemCap=445.0

Vehicle 6: Route=[0, 69, 41, 31, 55, 1, 62, 0], Distance=211.94, RemCap=337.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29373.38

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Ep 11/50 | Reward 5879.59 | Loss 1181481900.45 | Dist 1593.90 | Vehl 7

Vehicle 0: Route=[0, 52, 51, 46, 15, 13, 50, 25, 22, 20, 21, 44, 57, 27, 28, 30, 35, 33, 55, 1, 3, 4, 37, 76, 6, 48, 58, 11, 38, 47, 43, 68, 0], Distance=351.52, RemCap=7.0

Vehicle 1: Route=[0, 53, 45, 41, 18, 56, 64, 79, 9, 10, 7, 17, 77, 78, 0], Distance=275.44, RemCap=248.0

Vehicle 2: Route=[0, 16, 14, 39, 12, 65, 19, 23, 2, 8, 66, 0], Distance=215.74, RemCap=272.0

Vehicle 3: Route=[0, 75, 74, 60, 62, 31, 26, 42, 40, 69, 0], Distance=238.10, RemCap=299.0

Vehicle 4: Route=[0, 70, 24, 32, 34, 72, 59, 71, 0], Distance=227.55, RemCap=400.0

Vehicle 5: Route=[0, 54, 49, 36, 29, 61, 73, 80, 0], Distance=186.20, RemCap=421.0

Vehicle 6: Route=[0, 63, 5, 67, 0], Distance=99.35, RemCap=420.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28909.81

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Ep 12/50 | Reward 6357.13 | Loss 1350116967.49 | Dist 1602.23 | Vehl 7

Vehicle 0: Route=[0, 53, 45, 44, 56, 19, 18, 23, 26, 14, 40, 12, 15, 17, 46, 43, 48, 55, 33, 29, 28, 35, 1, 3, 36, 2, 5, 6, 58, 9, 72, 0], Distance=364.71, RemCap=4.0

Vehicle 1: Route=[0, 49, 27, 63, 37, 76, 75, 52, 51, 73, 50, 42, 16, 59, 80, 0], Distance=253.30, RemCap=266.0

Vehicle 2: Route=[0, 79, 38, 11, 68, 7, 39, 24, 21, 57, 31, 64, 0], Distance=222.70, RemCap=286.0

Vehicle 3: Route=[0, 54, 30, 70, 41, 13, 78, 47, 60, 71, 0], Distance=207.16, RemCap=309.0

Vehicle 4: Route=[0, 65, 77, 67, 4, 34, 32, 66, 0], Distance=218.47, RemCap=355.0

Vehicle 5: Route=[0, 22, 20, 25, 74, 8, 62, 0], Distance=176.68, RemCap=400.0

Vehicle 6: Route=[0, 61, 10, 69, 0], Distance=159.21, RemCap=447.0

Total vehicle waiting time = 28.44

Total customer waiting time = 25434.59

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Ep 13/50 | Reward 5995.12 | Loss 1190771759.67 | Dist 1684.55 | Vehl 7

Vehicle 0: Route=[0, 52, 46, 43, 8, 9, 38, 11, 59, 39, 40, 16, 53, 45, 41, 23, 56, 44, 57, 27, 35, 32, 54, 55, 2, 60, 6, 3, 37, 0], Distance=384.23, RemCap=8.0

Vehicle 1: Route=[0, 79, 58, 74, 77, 15, 12, 17, 14, 61, 20, 18, 19, 31, 70, 0], Distance=279.30, RemCap=300.0

Vehicle 2: Route=[0, 24, 25, 42, 71, 72, 10, 7, 48, 5, 34, 66, 0], Distance=234.89, RemCap=302.0

Vehicle 3: Route=[0, 65, 63, 36, 33, 64, 0], Distance=169.24, RemCap=379.0

Vehicle 4: Route=[0, 73, 22, 26, 29, 49, 75, 62, 67, 0], Distance=217.27, RemCap=368.0

Vehicle 5: Route=[0, 69, 13, 51, 28, 1, 4, 76, 0], Distance=184.43, RemCap=323.0

Vehicle 6: Route=[0, 30, 21, 50, 68, 47, 78, 80, 0], Distance=215.18, RemCap=387.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27918.77

--------------------------------------------------

Ep 14/50 | Reward 5803.64 | Loss 1079018381.86 | Dist 1594.47 | Vehl 7

Vehicle 0: Route=[0, 53, 45, 25, 22, 19, 23, 44, 32, 27, 28, 31, 34, 54, 3, 4, 5, 6, 60, 11, 47, 15, 39, 12, 13, 17, 14, 0], Distance=322.14, RemCap=2.0

Vehicle 1: Route=[0, 56, 70, 21, 73, 42, 77, 78, 59, 7, 68, 10, 58, 37, 33, 30, 66, 0], Distance=290.72, RemCap=235.0

Vehicle 2: Route=[0, 2, 76, 64, 57, 26, 51, 16, 43, 67, 38, 62, 0], Distance=256.56, RemCap=272.0

Vehicle 3: Route=[0, 55, 63, 35, 20, 24, 50, 40, 69, 65, 0], Distance=220.61, RemCap=330.0

Vehicle 4: Route=[0, 80, 48, 36, 29, 41, 61, 0], Distance=189.67, RemCap=422.0

Vehicle 5: Route=[0, 49, 79, 52, 71, 72, 9, 8, 75, 0], Distance=107.94, RemCap=399.0

Vehicle 6: Route=[0, 1, 18, 46, 74, 0], Distance=206.83, RemCap=407.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28767.49

--------------------------------------------------

Ep 15/50 | Reward 6088.91 | Loss 1216195290.31 | Dist 1593.64 | Vehl 7

Vehicle 0: Route=[0, 52, 53, 45, 42, 22, 18, 19, 21, 23, 26, 41, 44, 33, 35, 1, 6, 58, 9, 8, 7, 59, 46, 16, 14, 12, 15, 40, 0], Distance=329.58, RemCap=10.0

Vehicle 1: Route=[0, 51, 25, 57, 27, 31, 32, 54, 3, 37, 5, 62, 38, 72, 80, 69, 0], Distance=289.31, RemCap=246.0

Vehicle 2: Route=[0, 70, 50, 65, 39, 17, 77, 10, 11, 60, 4, 55, 34, 64, 0], Distance=244.12, RemCap=267.0

Vehicle 3: Route=[0, 43, 13, 61, 20, 56, 30, 63, 79, 48, 68, 0], Distance=255.87, RemCap=307.0

Vehicle 4: Route=[0, 29, 28, 71, 47, 74, 67, 0], Distance=160.57, RemCap=376.0

Vehicle 5: Route=[0, 66, 75, 2, 36, 24, 73, 0], Distance=162.17, RemCap=400.0

Vehicle 6: Route=[0, 78, 49, 76, 0], Distance=152.01, RemCap=461.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27521.80

--------------------------------------------------

Ep 16/50 | Reward 6136.22 | Loss 1297259740.83 | Dist 1577.98 | Vehl 7

Vehicle 0: Route=[0, 53, 46, 17, 16, 40, 12, 50, 22, 20, 21, 23, 56, 44, 30, 29, 28, 34, 33, 54, 3, 5, 6, 48, 11, 9, 8, 7, 47, 79, 0], Distance=334.15, RemCap=2.0

Vehicle 1: Route=[0, 49, 32, 64, 19, 26, 41, 45, 13, 69, 43, 68, 66, 0], Distance=212.61, RemCap=202.0

Vehicle 2: Route=[0, 1, 4, 58, 60, 74, 59, 39, 52, 18, 70, 0], Distance=270.55, RemCap=327.0

Vehicle 3: Route=[0, 31, 55, 2, 38, 72, 78, 14, 71, 0], Distance=192.77, RemCap=352.0

Vehicle 4: Route=[0, 62, 37, 63, 36, 27, 24, 25, 15, 80, 0], Distance=233.95, RemCap=352.0

Vehicle 5: Route=[0, 57, 35, 75, 67, 10, 77, 65, 0], Distance=200.71, RemCap=399.0

Vehicle 6: Route=[0, 76, 51, 42, 73, 61, 0], Distance=133.23, RemCap=433.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27082.38

--------------------------------------------------

Ep 17/50 | Reward 6175.19 | Loss 1303161966.65 | Dist 1474.81 | Vehl 7

Vehicle 0: Route=[0, 44, 57, 27, 33, 32, 54, 2, 4, 37, 48, 60, 7, 47, 15, 12, 13, 40, 14, 17, 46, 53, 45, 25, 20, 19, 22, 24, 26, 0], Distance=330.86, RemCap=4.0

Vehicle 1: Route=[0, 79, 55, 3, 5, 58, 38, 8, 71, 43, 59, 69, 39, 50, 61, 70, 0], Distance=223.57, RemCap=304.0

Vehicle 2: Route=[0, 16, 42, 41, 23, 56, 64, 28, 34, 76, 62, 66, 0], Distance=212.65, RemCap=220.0

Vehicle 3: Route=[0, 74, 78, 77, 51, 18, 31, 1, 36, 63, 0], Distance=248.81, RemCap=306.0

Vehicle 4: Route=[0, 52, 49, 30, 6, 11, 68, 72, 0], Distance=159.57, RemCap=375.0

Vehicle 5: Route=[0, 73, 65, 21, 29, 35, 9, 10, 75, 0], Distance=214.13, RemCap=386.0

Vehicle 6: Route=[0, 67, 80, 0], Distance=85.21, RemCap=472.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28729.74

--------------------------------------------------

Ep 18/50 | Reward 6814.40 | Loss 1630492130.19 | Dist 1526.04 | Vehl 7

Vehicle 0: Route=[0, 57, 28, 31, 49, 55, 5, 58, 60, 11, 10, 43, 52, 53, 45, 51, 17, 16, 13, 42, 25, 18, 21, 23, 26, 24, 0], Distance=307.20, RemCap=8.0

Vehicle 1: Route=[0, 71, 14, 40, 39, 61, 41, 19, 34, 76, 6, 48, 9, 7, 67, 72, 0], Distance=271.07, RemCap=265.0

Vehicle 2: Route=[0, 44, 64, 36, 37, 63, 2, 62, 46, 15, 12, 50, 70, 0], Distance=214.73, RemCap=266.0

Vehicle 3: Route=[0, 66, 35, 27, 56, 22, 78, 80, 74, 38, 75, 0], Distance=233.69, RemCap=356.0

Vehicle 4: Route=[0, 32, 30, 33, 4, 8, 68, 77, 65, 0], Distance=203.54, RemCap=342.0

Vehicle 5: Route=[0, 73, 20, 29, 1, 3, 54, 79, 0], Distance=182.24, RemCap=395.0

Vehicle 6: Route=[0, 47, 59, 69, 0], Distance=113.57, RemCap=435.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25962.03

--------------------------------------------------

Ep 19/50 | Reward 5442.04 | Loss 890979952.25 | Dist 1654.32 | Vehl 7

Vehicle 0: Route=[0, 56, 29, 28, 34, 35, 33, 54, 79, 55, 36, 5, 58, 60, 11, 38, 7, 46, 50, 23, 21, 19, 24, 25, 65, 12, 16, 59, 80, 0], Distance=380.68, RemCap=0.0

Vehicle 1: Route=[0, 49, 31, 44, 26, 22, 73, 13, 39, 78, 68, 8, 71, 0], Distance=229.82, RemCap=242.0

Vehicle 2: Route=[0, 53, 32, 20, 15, 69, 74, 9, 48, 2, 1, 76, 0], Distance=265.20, RemCap=307.0

Vehicle 3: Route=[0, 51, 70, 61, 18, 40, 47, 4, 30, 27, 64, 0], Distance=273.74, RemCap=332.0

Vehicle 4: Route=[0, 66, 10, 67, 52, 45, 41, 42, 77, 0], Distance=186.80, RemCap=342.0

Vehicle 5: Route=[0, 43, 17, 57, 37, 63, 0], Distance=155.20, RemCap=429.0

Vehicle 6: Route=[0, 14, 72, 75, 3, 6, 62, 0], Distance=162.89, RemCap=415.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30125.61

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Ep 20/50 | Reward 6185.06 | Loss 1255312473.40 | Dist 1697.62 | Vehl 7

Vehicle 0: Route=[0, 52, 7, 8, 10, 59, 47, 43, 16, 15, 39, 42, 41, 24, 22, 18, 23, 26, 56, 29, 31, 36, 2, 5, 48, 54, 49, 0], Distance=339.19, RemCap=6.0

Vehicle 1: Route=[0, 66, 60, 76, 3, 32, 57, 25, 50, 45, 51, 46, 14, 77, 68, 0], Distance=280.51, RemCap=266.0

Vehicle 2: Route=[0, 44, 30, 34, 35, 55, 58, 9, 38, 67, 72, 80, 53, 73, 0], Distance=190.87, RemCap=324.0

Vehicle 3: Route=[0, 79, 62, 6, 27, 20, 12, 13, 40, 61, 0], Distance=239.50, RemCap=331.0

Vehicle 4: Route=[0, 63, 1, 33, 28, 19, 17, 78, 65, 0], Distance=262.47, RemCap=309.0

Vehicle 5: Route=[0, 70, 4, 71, 69, 0], Distance=178.78, RemCap=426.0

Vehicle 6: Route=[0, 21, 64, 37, 75, 11, 74, 0], Distance=206.31, RemCap=405.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27812.02

--------------------------------------------------

Ep 21/50 | Reward 5788.95 | Loss 1015321791.49 | Dist 1669.55 | Vehl 7

Vehicle 0: Route=[0, 41, 26, 22, 24, 51, 17, 13, 12, 39, 15, 59, 8, 60, 58, 2, 4, 1, 34, 28, 30, 33, 32, 57, 49, 54, 55, 0], Distance=322.61, RemCap=14.0

Vehicle 1: Route=[0, 44, 21, 61, 42, 45, 52, 71, 78, 67, 48, 37, 3, 27, 64, 0], Distance=288.12, RemCap=275.0

Vehicle 2: Route=[0, 43, 16, 69, 50, 25, 56, 29, 79, 5, 11, 72, 0], Distance=263.14, RemCap=321.0

Vehicle 3: Route=[0, 62, 38, 68, 7, 46, 53, 23, 18, 73, 0], Distance=194.65, RemCap=283.0

Vehicle 4: Route=[0, 66, 9, 10, 74, 77, 14, 20, 35, 70, 0], Distance=244.77, RemCap=377.0

Vehicle 5: Route=[0, 75, 47, 40, 65, 19, 31, 63, 76, 0], Distance=241.57, RemCap=335.0

Vehicle 6: Route=[0, 36, 6, 80, 0], Distance=114.68, RemCap=462.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29041.16

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Ep 22/50 | Reward 6296.61 | Loss 1311805871.40 | Dist 1665.07 | Vehl 7

Vehicle 0: Route=[0, 45, 51, 40, 15, 12, 42, 25, 22, 23, 26, 57, 29, 28, 31, 33, 49, 54, 55, 2, 5, 6, 58, 38, 10, 7, 46, 48, 75, 0], Distance=323.39, RemCap=4.0

Vehicle 1: Route=[0, 34, 19, 18, 41, 61, 14, 13, 16, 17, 80, 72, 8, 60, 63, 0], Distance=253.95, RemCap=192.0

Vehicle 2: Route=[0, 53, 39, 59, 47, 62, 76, 35, 56, 20, 70, 0], Distance=268.69, RemCap=356.0

Vehicle 3: Route=[0, 52, 1, 3, 36, 9, 74, 69, 0], Distance=167.56, RemCap=384.0

Vehicle 4: Route=[0, 4, 27, 73, 65, 43, 68, 11, 78, 0], Distance=262.69, RemCap=328.0

Vehicle 5: Route=[0, 66, 32, 44, 50, 71, 67, 0], Distance=172.34, RemCap=396.0

Vehicle 6: Route=[0, 79, 37, 30, 64, 21, 24, 77, 0], Distance=216.45, RemCap=407.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25869.28

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Ep 23/50 | Reward 5660.20 | Loss 978718981.28 | Dist 1628.90 | Vehl 7

Vehicle 0: Route=[0, 46, 17, 15, 77, 59, 80, 7, 8, 10, 11, 58, 37, 36, 4, 1, 2, 54, 35, 34, 31, 28, 27, 29, 57, 23, 24, 25, 50, 45, 70, 0], Distance=357.22, RemCap=8.0

Vehicle 1: Route=[0, 51, 14, 13, 12, 73, 61, 41, 26, 19, 30, 32, 48, 67, 68, 0], Distance=237.42, RemCap=205.0

Vehicle 2: Route=[0, 52, 78, 16, 40, 22, 44, 64, 33, 55, 60, 5, 76, 0], Distance=264.72, RemCap=268.0

Vehicle 3: Route=[0, 42, 71, 9, 75, 3, 63, 0], Distance=151.47, RemCap=401.0

Vehicle 4: Route=[0, 6, 74, 39, 21, 65, 0], Distance=214.06, RemCap=409.0

Vehicle 5: Route=[0, 49, 20, 43, 47, 72, 38, 79, 62, 0], Distance=234.35, RemCap=393.0

Vehicle 6: Route=[0, 66, 53, 56, 18, 69, 0], Distance=169.65, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28469.85

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Ep 24/50 | Reward 6067.92 | Loss 1131608339.17 | Dist 1726.38 | Vehl 7

Vehicle 0: Route=[0, 45, 51, 50, 25, 41, 56, 28, 30, 35, 32, 44, 54, 3, 37, 6, 48, 60, 58, 11, 47, 12, 13, 16, 17, 46, 52, 43, 0], Distance=349.25, RemCap=7.0

Vehicle 1: Route=[0, 53, 77, 59, 68, 38, 9, 75, 33, 27, 57, 18, 61, 70, 0], Distance=267.56, RemCap=316.0

Vehicle 2: Route=[0, 42, 20, 31, 4, 36, 63, 5, 2, 79, 8, 74, 0], Distance=231.04, RemCap=265.0

Vehicle 3: Route=[0, 69, 39, 24, 21, 34, 62, 10, 67, 7, 66, 0], Distance=242.74, RemCap=293.0

Vehicle 4: Route=[0, 55, 1, 49, 23, 22, 73, 78, 65, 0], Distance=241.11, RemCap=349.0

Vehicle 5: Route=[0, 64, 29, 26, 15, 14, 71, 0], Distance=168.58, RemCap=395.0

Vehicle 6: Route=[0, 76, 19, 40, 80, 72, 0], Distance=226.10, RemCap=442.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26097.50

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Ep 25/50 | Reward 5689.70 | Loss 981567442.91 | Dist 1541.09 | Vehl 7

Vehicle 0: Route=[0, 52, 53, 51, 43, 47, 11, 38, 9, 8, 48, 76, 37, 5, 55, 54, 31, 28, 29, 56, 26, 23, 19, 22, 24, 25, 41, 50, 14, 17, 39, 77, 0], Distance=360.35, RemCap=1.0

Vehicle 1: Route=[0, 79, 4, 27, 30, 44, 45, 46, 40, 12, 78, 72, 68, 0], Distance=238.19, RemCap=276.0

Vehicle 2: Route=[0, 61, 21, 18, 42, 80, 74, 7, 60, 3, 1, 64, 0], Distance=238.63, RemCap=293.0

Vehicle 3: Route=[0, 59, 69, 57, 32, 35, 36, 63, 0], Distance=205.72, RemCap=366.0

Vehicle 4: Route=[0, 67, 16, 13, 20, 70, 73, 0], Distance=180.22, RemCap=363.0

Vehicle 5: Route=[0, 33, 34, 2, 58, 10, 75, 66, 15, 65, 0], Distance=219.71, RemCap=342.0

Vehicle 6: Route=[0, 49, 6, 62, 71, 0], Distance=98.28, RemCap=426.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30070.00

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Ep 26/50 | Reward 6015.81 | Loss 1142601421.72 | Dist 1670.54 | Vehl 7

Vehicle 0: Route=[0, 54, 44, 26, 21, 24, 50, 42, 12, 39, 16, 46, 47, 7, 10, 11, 38, 60, 48, 6, 5, 2, 36, 1, 34, 33, 57, 30, 0], Distance=308.88, RemCap=4.0

Vehicle 1: Route=[0, 31, 29, 56, 19, 20, 61, 51, 59, 74, 66, 75, 58, 63, 0], Distance=302.03, RemCap=283.0

Vehicle 2: Route=[0, 45, 73, 17, 69, 25, 23, 27, 28, 32, 3, 79, 68, 0], Distance=264.73, RemCap=247.0

Vehicle 3: Route=[0, 55, 76, 37, 35, 22, 14, 71, 80, 0], Distance=225.27, RemCap=404.0

Vehicle 4: Route=[0, 49, 53, 43, 40, 65, 15, 77, 78, 0], Distance=167.02, RemCap=394.0

Vehicle 5: Route=[0, 52, 70, 41, 64, 4, 8, 9, 72, 0], Distance=193.43, RemCap=355.0

Vehicle 6: Route=[0, 18, 13, 62, 67, 0], Distance=209.18, RemCap=380.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27394.37

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Ep 27/50 | Reward 6285.80 | Loss 1347768240.96 | Dist 1584.33 | Vehl 7

Vehicle 0: Route=[0, 52, 43, 7, 10, 11, 9, 48, 5, 37, 36, 1, 55, 30, 29, 32, 57, 44, 56, 41, 20, 18, 50, 42, 12, 39, 40, 14, 16, 17, 77, 80, 0], Distance=330.96, RemCap=13.0

Vehicle 1: Route=[0, 53, 51, 61, 26, 23, 28, 34, 3, 63, 2, 8, 68, 47, 69, 0], Distance=257.11, RemCap=165.0

Vehicle 2: Route=[0, 66, 71, 46, 59, 58, 6, 79, 49, 27, 25, 73, 0], Distance=274.47, RemCap=321.0

Vehicle 3: Route=[0, 13, 24, 19, 21, 70, 33, 35, 62, 38, 75, 0], Distance=237.24, RemCap=346.0

Vehicle 4: Route=[0, 31, 4, 76, 72, 0], Distance=142.97, RemCap=430.0

Vehicle 5: Route=[0, 65, 22, 54, 64, 0], Distance=166.47, RemCap=408.0

Vehicle 6: Route=[0, 45, 15, 74, 60, 67, 78, 0], Distance=175.10, RemCap=384.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27121.54

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Ep 28/50 | Reward 5846.82 | Loss 1105519162.99 | Dist 1631.65 | Vehl 7

Vehicle 0: Route=[0, 45, 41, 23, 21, 18, 20, 50, 39, 40, 14, 51, 53, 46, 75, 9, 38, 11, 58, 60, 48, 6, 1, 54, 49, 44, 35, 30, 28, 64, 0], Distance=338.47, RemCap=19.0

Vehicle 1: Route=[0, 55, 63, 3, 34, 32, 25, 42, 71, 78, 12, 65, 0], Distance=270.09, RemCap=272.0

Vehicle 2: Route=[0, 43, 68, 59, 15, 22, 19, 26, 70, 57, 27, 36, 79, 0], Distance=282.11, RemCap=308.0

Vehicle 3: Route=[0, 31, 29, 61, 73, 16, 47, 72, 0], Distance=174.56, RemCap=370.0

Vehicle 4: Route=[0, 52, 17, 13, 24, 56, 4, 62, 74, 67, 0], Distance=236.15, RemCap=320.0

Vehicle 5: Route=[0, 2, 76, 8, 7, 77, 80, 0], Distance=144.19, RemCap=395.0

Vehicle 6: Route=[0, 33, 37, 5, 10, 69, 66, 0], Distance=186.08, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26083.88

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Ep 29/50 | Reward 5805.51 | Loss 1077441640.76 | Dist 1545.73 | Vehl 7

Vehicle 0: Route=[0, 53, 43, 10, 11, 38, 9, 48, 62, 37, 36, 3, 1, 55, 34, 31, 28, 27, 30, 33, 57, 19, 20, 25, 42, 14, 17, 13, 15, 69, 0], Distance=313.71, RemCap=4.0

Vehicle 1: Route=[0, 66, 75, 58, 74, 45, 16, 39, 65, 22, 18, 49, 4, 76, 0], Distance=282.14, RemCap=264.0

Vehicle 2: Route=[0, 35, 29, 70, 23, 21, 24, 41, 51, 40, 67, 0], Distance=223.19, RemCap=354.0

Vehicle 3: Route=[0, 52, 61, 56, 44, 32, 64, 2, 5, 7, 68, 0], Distance=175.18, RemCap=281.0

Vehicle 4: Route=[0, 6, 54, 26, 77, 78, 0], Distance=202.97, RemCap=402.0

Vehicle 5: Route=[0, 60, 46, 12, 80, 47, 72, 0], Distance=155.98, RemCap=393.0

Vehicle 6: Route=[0, 73, 50, 71, 59, 8, 63, 79, 0], Distance=192.57, RemCap=369.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29686.36

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Ep 30/50 | Reward 5853.93 | Loss 1059072274.01 | Dist 1665.42 | Vehl 7

Vehicle 0: Route=[0, 54, 49, 56, 29, 34, 1, 36, 48, 60, 58, 47, 46, 17, 16, 14, 40, 13, 12, 50, 24, 22, 18, 21, 41, 42, 51, 45, 52, 75, 0], Distance=349.92, RemCap=3.0

Vehicle 1: Route=[0, 65, 23, 70, 32, 55, 63, 37, 5, 9, 38, 11, 59, 68, 0], Distance=278.13, RemCap=231.0

Vehicle 2: Route=[0, 66, 4, 35, 27, 19, 20, 73, 53, 71, 43, 39, 77, 0], Distance=272.58, RemCap=324.0

Vehicle 3: Route=[0, 44, 57, 31, 6, 67, 7, 78, 80, 79, 0], Distance=196.74, RemCap=332.0

Vehicle 4: Route=[0, 10, 62, 28, 26, 61, 15, 69, 0], Distance=242.68, RemCap=337.0

Vehicle 5: Route=[0, 30, 3, 8, 72, 74, 0], Distance=138.12, RemCap=430.0

Vehicle 6: Route=[0, 25, 2, 76, 33, 64, 0], Distance=187.26, RemCap=410.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30309.81

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Ep 31/50 | Reward 5688.51 | Loss 972232914.74 | Dist 1561.07 | Vehl 7

Vehicle 0: Route=[0, 54, 49, 55, 2, 37, 36, 1, 35, 34, 31, 28, 27, 29, 57, 44, 56, 26, 23, 21, 19, 24, 25, 40, 59, 47, 8, 43, 45, 73, 0], Distance=337.24, RemCap=4.0

Vehicle 1: Route=[0, 71, 7, 9, 76, 79, 30, 32, 70, 50, 42, 51, 15, 69, 0], Distance=249.53, RemCap=298.0

Vehicle 2: Route=[0, 53, 20, 33, 63, 48, 58, 68, 74, 46, 14, 13, 77, 0], Distance=279.01, RemCap=262.0

Vehicle 3: Route=[0, 41, 22, 12, 39, 78, 72, 10, 67, 0], Distance=172.88, RemCap=360.0

Vehicle 4: Route=[0, 18, 65, 80, 75, 6, 4, 3, 66, 0], Distance=208.98, RemCap=349.0

Vehicle 5: Route=[0, 11, 16, 52, 0], Distance=105.82, RemCap=424.0

Vehicle 6: Route=[0, 64, 61, 17, 38, 60, 5, 62, 0], Distance=207.61, RemCap=370.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29767.10

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Ep 32/50 | Reward 6294.38 | Loss 1279395424.30 | Dist 1597.06 | Vehl 7

Vehicle 0: Route=[0, 54, 55, 1, 37, 2, 6, 11, 8, 7, 47, 59, 46, 15, 14, 51, 41, 25, 22, 19, 23, 26, 44, 28, 35, 33, 49, 0], Distance=336.94, RemCap=6.0

Vehicle 1: Route=[0, 79, 5, 36, 3, 34, 27, 32, 45, 73, 42, 65, 17, 43, 74, 0], Distance=218.97, RemCap=264.0

Vehicle 2: Route=[0, 56, 21, 50, 40, 12, 39, 77, 72, 67, 58, 75, 0], Distance=202.12, RemCap=383.0

Vehicle 3: Route=[0, 76, 62, 48, 10, 78, 53, 20, 18, 57, 64, 0], Distance=263.55, RemCap=309.0

Vehicle 4: Route=[0, 71, 80, 9, 38, 60, 29, 70, 0], Distance=174.43, RemCap=411.0

Vehicle 5: Route=[0, 52, 13, 61, 30, 63, 66, 0], Distance=167.11, RemCap=364.0

Vehicle 6: Route=[0, 4, 31, 24, 16, 69, 68, 0], Distance=233.95, RemCap=330.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29373.41

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Ep 33/50 | Reward 6261.77 | Loss 1294322104.25 | Dist 1597.81 | Vehl 7

Vehicle 0: Route=[0, 54, 55, 2, 6, 36, 1, 34, 33, 32, 49, 44, 56, 18, 22, 25, 50, 42, 12, 39, 13, 40, 14, 17, 51, 46, 59, 11, 58, 9, 8, 0], Distance=352.71, RemCap=1.0

Vehicle 1: Route=[0, 10, 38, 60, 76, 3, 35, 64, 20, 65, 15, 77, 16, 70, 0], Distance=290.61, RemCap=276.0

Vehicle 2: Route=[0, 61, 24, 21, 23, 79, 4, 37, 67, 7, 43, 71, 0], Distance=208.12, RemCap=343.0

Vehicle 3: Route=[0, 63, 30, 29, 57, 41, 53, 52, 69, 78, 47, 80, 0], Distance=236.29, RemCap=293.0

Vehicle 4: Route=[0, 73, 19, 28, 66, 48, 62, 72, 0], Distance=226.84, RemCap=338.0

Vehicle 5: Route=[0, 31, 27, 45, 74, 68, 75, 0], Distance=150.94, RemCap=366.0

Vehicle 6: Route=[0, 26, 5, 0], Distance=132.31, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27447.93

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Ep 34/50 | Reward 6371.92 | Loss 1337004621.30 | Dist 1648.68 | Vehl 7

Vehicle 0: Route=[0, 23, 19, 50, 42, 17, 15, 59, 46, 43, 52, 7, 8, 9, 11, 58, 48, 2, 5, 37, 3, 1, 34, 31, 28, 30, 35, 44, 55, 49, 0], Distance=367.85, RemCap=7.0

Vehicle 1: Route=[0, 45, 24, 18, 25, 65, 12, 14, 16, 77, 47, 67, 38, 60, 79, 0], Distance=208.47, RemCap=231.0

Vehicle 2: Route=[0, 68, 63, 27, 56, 21, 20, 22, 26, 41, 13, 70, 0], Distance=263.36, RemCap=247.0

Vehicle 3: Route=[0, 64, 29, 4, 36, 54, 74, 73, 0], Distance=193.41, RemCap=371.0

Vehicle 4: Route=[0, 33, 76, 66, 75, 10, 40, 78, 0], Distance=220.04, RemCap=398.0

Vehicle 5: Route=[0, 53, 51, 39, 61, 57, 6, 72, 80, 0], Distance=218.07, RemCap=408.0

Vehicle 6: Route=[0, 32, 69, 71, 62, 0], Distance=177.48, RemCap=405.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27189.14

--------------------------------------------------

Ep 35/50 | Reward 5318.15 | Loss 830840079.27 | Dist 1564.10 | Vehl 7

Vehicle 0: Route=[0, 52, 43, 46, 16, 40, 13, 15, 12, 65, 50, 25, 22, 26, 27, 28, 30, 33, 55, 3, 4, 36, 37, 6, 58, 11, 38, 68, 0], Distance=269.44, RemCap=3.0

Vehicle 1: Route=[0, 48, 1, 32, 56, 70, 19, 24, 69, 74, 8, 10, 67, 0], Distance=267.29, RemCap=280.0

Vehicle 2: Route=[0, 53, 71, 9, 60, 5, 34, 57, 54, 66, 0], Distance=157.47, RemCap=336.0

Vehicle 3: Route=[0, 76, 2, 49, 44, 21, 18, 14, 77, 47, 80, 0], Distance=232.51, RemCap=351.0

Vehicle 4: Route=[0, 31, 29, 61, 42, 39, 17, 51, 72, 75, 62, 0], Distance=234.28, RemCap=356.0

Vehicle 5: Route=[0, 7, 20, 23, 35, 63, 0], Distance=207.65, RemCap=390.0

Vehicle 6: Route=[0, 59, 78, 45, 73, 41, 64, 79, 0], Distance=195.46, RemCap=351.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30296.06

--------------------------------------------------

Ep 36/50 | Reward 6130.14 | Loss 1176834515.24 | Dist 1662.07 | Vehl 7

Vehicle 0: Route=[0, 54, 49, 32, 33, 35, 34, 31, 28, 29, 57, 23, 50, 42, 14, 13, 17, 51, 53, 52, 43, 7, 48, 5, 36, 37, 6, 60, 9, 10, 0], Distance=309.63, RemCap=1.0

Vehicle 1: Route=[0, 70, 41, 56, 27, 3, 4, 76, 55, 79, 11, 47, 72, 0], Distance=240.61, RemCap=299.0

Vehicle 2: Route=[0, 45, 73, 16, 15, 39, 65, 61, 18, 30, 66, 0], Distance=204.25, RemCap=302.0

Vehicle 3: Route=[0, 75, 58, 64, 44, 22, 24, 46, 78, 77, 0], Distance=258.06, RemCap=374.0

Vehicle 4: Route=[0, 26, 1, 62, 8, 59, 74, 0], Distance=231.82, RemCap=364.0

Vehicle 5: Route=[0, 2, 71, 21, 20, 25, 40, 69, 0], Distance=205.85, RemCap=385.0

Vehicle 6: Route=[0, 19, 12, 80, 68, 67, 38, 63, 0], Distance=211.85, RemCap=342.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25218.89

--------------------------------------------------

Ep 37/50 | Reward 6073.61 | Loss 1189882457.57 | Dist 1546.35 | Vehl 7

Vehicle 0: Route=[0, 53, 51, 43, 47, 59, 16, 40, 42, 50, 22, 20, 19, 56, 57, 27, 28, 29, 32, 44, 49, 55, 3, 4, 2, 58, 38, 9, 8, 68, 0], Distance=342.71, RemCap=9.0

Vehicle 1: Route=[0, 48, 60, 6, 54, 30, 26, 21, 24, 73, 13, 71, 78, 69, 0], Distance=295.65, RemCap=232.0

Vehicle 2: Route=[0, 52, 25, 14, 46, 7, 11, 62, 76, 66, 79, 0], Distance=210.46, RemCap=308.0

Vehicle 3: Route=[0, 35, 34, 31, 41, 15, 77, 75, 0], Distance=185.70, RemCap=388.0

Vehicle 4: Route=[0, 70, 64, 33, 1, 36, 37, 72, 10, 67, 0], Distance=170.52, RemCap=361.0

Vehicle 5: Route=[0, 45, 23, 65, 12, 39, 80, 0], Distance=145.34, RemCap=392.0

Vehicle 6: Route=[0, 61, 18, 17, 74, 5, 63, 0], Distance=195.96, RemCap=377.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27471.25

--------------------------------------------------

Ep 38/50 | Reward 5762.10 | Loss 1059783571.05 | Dist 1652.99 | Vehl 7

Vehicle 0: Route=[0, 7, 8, 9, 38, 11, 10, 47, 59, 15, 17, 52, 51, 50, 25, 18, 23, 41, 45, 44, 57, 29, 27, 34, 55, 3, 37, 6, 62, 76, 0], Distance=387.52, RemCap=10.0

Vehicle 1: Route=[0, 21, 64, 49, 36, 63, 5, 58, 67, 71, 46, 16, 40, 13, 39, 12, 65, 0], Distance=274.88, RemCap=167.0

Vehicle 2: Route=[0, 61, 19, 31, 35, 54, 1, 2, 60, 80, 0], Distance=241.54, RemCap=331.0

Vehicle 3: Route=[0, 14, 22, 20, 56, 30, 33, 79, 48, 74, 72, 0], Distance=225.27, RemCap=373.0

Vehicle 4: Route=[0, 75, 32, 26, 24, 69, 77, 0], Distance=199.38, RemCap=398.0

Vehicle 5: Route=[0, 4, 66, 53, 43, 78, 0], Distance=150.10, RemCap=414.0

Vehicle 6: Route=[0, 68, 28, 70, 42, 73, 0], Distance=174.31, RemCap=374.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29171.50

--------------------------------------------------

Ep 39/50 | Reward 5599.07 | Loss 961491766.93 | Dist 1593.48 | Vehl 7

Vehicle 0: Route=[0, 49, 29, 34, 33, 55, 4, 37, 76, 5, 48, 60, 9, 11, 47, 43, 52, 17, 14, 40, 13, 15, 39, 12, 42, 24, 20, 19, 26, 41, 61, 0], Distance=317.51, RemCap=24.0

Vehicle 1: Route=[0, 79, 75, 58, 6, 3, 35, 28, 27, 25, 53, 46, 71, 7, 67, 68, 0], Distance=271.75, RemCap=220.0

Vehicle 2: Route=[0, 8, 38, 10, 72, 59, 80, 69, 18, 23, 57, 32, 70, 0], Distance=254.50, RemCap=299.0

Vehicle 3: Route=[0, 78, 16, 22, 30, 44, 54, 36, 63, 0], Distance=236.39, RemCap=333.0

Vehicle 4: Route=[0, 56, 21, 50, 66, 2, 1, 64, 0], Distance=202.53, RemCap=363.0

Vehicle 5: Route=[0, 31, 73, 51, 77, 0], Distance=161.03, RemCap=428.0

Vehicle 6: Route=[0, 62, 74, 45, 65, 0], Distance=149.78, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32184.54

--------------------------------------------------

Ep 40/50 | Reward 5841.37 | Loss 1032734081.51 | Dist 1637.08 | Vehl 7

Vehicle 0: Route=[0, 52, 51, 50, 25, 22, 20, 18, 19, 23, 26, 56, 57, 28, 34, 54, 2, 1, 3, 5, 58, 11, 10, 46, 17, 14, 12, 15, 59, 77, 0], Distance=376.01, RemCap=7.0

Vehicle 1: Route=[0, 30, 31, 55, 76, 6, 53, 45, 42, 13, 78, 74, 38, 72, 0], Distance=249.88, RemCap=253.0

Vehicle 2: Route=[0, 32, 33, 35, 64, 29, 70, 24, 40, 47, 8, 48, 66, 71, 0], Distance=245.57, RemCap=293.0

Vehicle 3: Route=[0, 49, 65, 39, 43, 67, 9, 60, 63, 0], Distance=188.03, RemCap=350.0

Vehicle 4: Route=[0, 80, 68, 4, 27, 21, 73, 0], Distance=223.79, RemCap=384.0

Vehicle 5: Route=[0, 37, 62, 16, 41, 61, 0], Distance=159.19, RemCap=387.0

Vehicle 6: Route=[0, 69, 7, 36, 44, 79, 75, 0], Distance=194.60, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27538.37

--------------------------------------------------

Ep 41/50 | Reward 5756.15 | Loss 993555933.91 | Dist 1623.91 | Vehl 7

Vehicle 0: Route=[0, 54, 55, 2, 1, 4, 37, 5, 6, 60, 7, 47, 59, 14, 51, 41, 24, 22, 20, 18, 23, 27, 30, 35, 32, 57, 56, 53, 75, 0], Distance=350.86, RemCap=4.0

Vehicle 1: Route=[0, 63, 31, 21, 25, 42, 45, 52, 80, 78, 68, 8, 48, 58, 11, 67, 0], Distance=307.70, RemCap=206.0

Vehicle 2: Route=[0, 70, 19, 50, 12, 17, 43, 79, 9, 38, 10, 72, 74, 0], Distance=217.92, RemCap=346.0

Vehicle 3: Route=[0, 62, 36, 3, 29, 44, 26, 77, 65, 0], Distance=265.82, RemCap=356.0

Vehicle 4: Route=[0, 66, 76, 34, 73, 46, 16, 39, 69, 0], Distance=198.75, RemCap=322.0

Vehicle 5: Route=[0, 40, 49, 28, 33, 0], Distance=136.79, RemCap=431.0

Vehicle 6: Route=[0, 71, 15, 13, 61, 64, 0], Distance=146.07, RemCap=402.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28854.52

--------------------------------------------------

Ep 42/50 | Reward 5104.53 | Loss 758306477.19 | Dist 1712.89 | Vehl 7

Vehicle 0: Route=[0, 66, 45, 51, 42, 65, 25, 21, 23, 56, 57, 29, 27, 30, 49, 55, 2, 3, 4, 37, 76, 6, 60, 10, 59, 40, 13, 12, 39, 77, 0], Distance=365.02, RemCap=3.0

Vehicle 1: Route=[0, 43, 46, 15, 50, 61, 28, 33, 36, 58, 38, 74, 0], Distance=237.16, RemCap=360.0

Vehicle 2: Route=[0, 5, 62, 48, 11, 47, 78, 52, 24, 69, 0], Distance=256.35, RemCap=318.0

Vehicle 3: Route=[0, 44, 34, 64, 32, 18, 22, 41, 53, 67, 63, 0], Distance=241.79, RemCap=268.0

Vehicle 4: Route=[0, 26, 75, 8, 7, 80, 72, 0], Distance=178.48, RemCap=397.0

Vehicle 5: Route=[0, 9, 71, 17, 16, 20, 19, 35, 70, 73, 0], Distance=240.33, RemCap=358.0

Vehicle 6: Route=[0, 54, 1, 31, 14, 68, 79, 0], Distance=193.76, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32062.45

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Ep 43/50 | Reward 6531.79 | Loss 1423028537.18 | Dist 1587.19 | Vehl 7

Vehicle 0: Route=[0, 45, 14, 12, 39, 16, 17, 46, 43, 59, 47, 9, 38, 58, 48, 5, 36, 54, 33, 35, 34, 31, 28, 30, 32, 44, 56, 23, 22, 19, 20, 0], Distance=354.19, RemCap=7.0

Vehicle 1: Route=[0, 7, 74, 10, 11, 8, 63, 4, 55, 29, 70, 51, 15, 65, 73, 0], Distance=259.07, RemCap=212.0

Vehicle 2: Route=[0, 79, 49, 27, 26, 25, 41, 53, 77, 80, 0], Distance=218.40, RemCap=354.0

Vehicle 3: Route=[0, 66, 61, 21, 24, 13, 40, 52, 68, 37, 1, 64, 0], Distance=257.95, RemCap=284.0

Vehicle 4: Route=[0, 57, 18, 42, 69, 67, 60, 62, 2, 76, 0], Distance=236.14, RemCap=296.0

Vehicle 5: Route=[0, 3, 71, 0], Distance=91.70, RemCap=475.0

Vehicle 6: Route=[0, 50, 78, 72, 6, 75, 0], Distance=169.74, RemCap=439.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25574.29

--------------------------------------------------

Ep 44/50 | Reward 6441.78 | Loss 1353120840.09 | Dist 1686.44 | Vehl 7

Vehicle 0: Route=[0, 49, 48, 8, 9, 11, 58, 2, 36, 4, 3, 34, 35, 30, 28, 57, 41, 26, 18, 20, 50, 53, 52, 43, 47, 59, 15, 12, 40, 14, 65, 0], Distance=394.68, RemCap=4.0

Vehicle 1: Route=[0, 7, 67, 60, 76, 55, 31, 32, 44, 19, 61, 17, 80, 0], Distance=271.02, RemCap=283.0

Vehicle 2: Route=[0, 62, 6, 1, 33, 56, 25, 23, 27, 64, 0], Distance=221.96, RemCap=326.0

Vehicle 3: Route=[0, 45, 24, 22, 42, 13, 51, 74, 38, 66, 0], Distance=178.90, RemCap=328.0

Vehicle 4: Route=[0, 16, 39, 46, 71, 68, 63, 29, 54, 79, 0], Distance=201.85, RemCap=285.0

Vehicle 5: Route=[0, 37, 10, 78, 69, 70, 73, 0], Distance=187.62, RemCap=393.0

Vehicle 6: Route=[0, 75, 5, 21, 77, 72, 0], Distance=230.41, RemCap=448.0

Total vehicle waiting time = 0.00

Total customer waiting time = 23790.98

--------------------------------------------------

Ep 45/50 | Reward 5800.89 | Loss 1050108054.77 | Dist 1622.80 | Vehl 7

Vehicle 0: Route=[0, 44, 57, 29, 27, 30, 35, 32, 49, 55, 1, 5, 58, 38, 9, 8, 72, 52, 45, 23, 19, 18, 24, 25, 50, 42, 51, 14, 13, 39, 17, 47, 59, 77, 0], Distance=403.49, RemCap=0.0

Vehicle 1: Route=[0, 61, 41, 16, 68, 10, 11, 76, 2, 34, 79, 48, 71, 0], Distance=255.71, RemCap=239.0

Vehicle 2: Route=[0, 54, 31, 70, 20, 65, 80, 7, 60, 6, 4, 62, 0], Distance=269.65, RemCap=264.0

Vehicle 3: Route=[0, 40, 43, 67, 36, 28, 21, 22, 26, 73, 0], Distance=251.21, RemCap=349.0

Vehicle 4: Route=[0, 56, 12, 15, 78, 75, 0], Distance=141.28, RemCap=431.0

Vehicle 5: Route=[0, 64, 37, 74, 53, 46, 69, 0], Distance=200.70, RemCap=371.0

Vehicle 6: Route=[0, 66, 33, 3, 63, 0], Distance=100.76, RemCap=413.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29053.22

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Ep 46/50 | Reward 6400.07 | Loss 1338020750.89 | Dist 1600.06 | Vehl 7

Vehicle 0: Route=[0, 53, 51, 17, 15, 13, 14, 42, 50, 20, 23, 26, 41, 44, 57, 27, 28, 31, 30, 35, 33, 55, 1, 5, 6, 9, 38, 47, 59, 0], Distance=336.17, RemCap=0.0

Vehicle 1: Route=[0, 49, 2, 62, 60, 11, 8, 66, 43, 78, 16, 12, 65, 22, 19, 21, 70, 0], Distance=261.81, RemCap=174.0

Vehicle 2: Route=[0, 45, 56, 54, 4, 37, 67, 80, 39, 77, 0], Distance=226.35, RemCap=371.0

Vehicle 3: Route=[0, 52, 74, 10, 34, 64, 29, 24, 73, 0], Distance=203.85, RemCap=356.0

Vehicle 4: Route=[0, 18, 32, 3, 63, 76, 58, 71, 79, 0], Distance=218.75, RemCap=354.0

Vehicle 5: Route=[0, 40, 25, 36, 68, 72, 75, 0], Distance=216.79, RemCap=415.0

Vehicle 6: Route=[0, 48, 7, 46, 69, 61, 0], Distance=136.33, RemCap=397.0

Total vehicle waiting time = 69.48

Total customer waiting time = 25958.50

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Ep 47/50 | Reward 5589.68 | Loss 879701561.76 | Dist 1564.17 | Vehl 7

Vehicle 0: Route=[0, 52, 43, 7, 10, 11, 6, 5, 2, 37, 1, 35, 31, 28, 29, 32, 57, 26, 23, 18, 20, 24, 25, 51, 14, 16, 39, 0], Distance=295.00, RemCap=6.0

Vehicle 1: Route=[0, 53, 46, 65, 50, 44, 27, 64, 30, 55, 54, 66, 48, 79, 0], Distance=205.13, RemCap=244.0

Vehicle 2: Route=[0, 61, 41, 22, 49, 58, 74, 47, 59, 40, 80, 0], Distance=254.86, RemCap=370.0

Vehicle 3: Route=[0, 33, 3, 36, 63, 38, 9, 45, 13, 69, 77, 78, 0], Distance=222.14, RemCap=294.0

Vehicle 4: Route=[0, 75, 76, 34, 56, 19, 42, 12, 15, 71, 72, 0], Distance=263.26, RemCap=357.0

Vehicle 5: Route=[0, 70, 21, 8, 67, 0], Distance=151.61, RemCap=441.0

Vehicle 6: Route=[0, 73, 17, 4, 62, 60, 68, 0], Distance=172.18, RemCap=355.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30012.34

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Ep 48/50 | Reward 5214.59 | Loss 812639088.88 | Dist 1656.46 | Vehl 7

Vehicle 0: Route=[0, 53, 52, 43, 78, 47, 10, 11, 7, 8, 48, 37, 4, 3, 54, 33, 35, 31, 64, 32, 57, 56, 21, 19, 20, 50, 42, 15, 17, 61, 73, 0], Distance=363.33, RemCap=30.0

Vehicle 1: Route=[0, 44, 26, 23, 22, 24, 13, 16, 80, 71, 5, 58, 72, 68, 0], Distance=237.28, RemCap=236.0

Vehicle 2: Route=[0, 46, 9, 63, 34, 30, 25, 65, 40, 69, 77, 0], Distance=266.01, RemCap=309.0

Vehicle 3: Route=[0, 59, 74, 79, 2, 36, 28, 41, 70, 0], Distance=229.36, RemCap=329.0

Vehicle 4: Route=[0, 66, 39, 12, 14, 51, 27, 1, 60, 76, 0], Distance=236.57, RemCap=339.0

Vehicle 5: Route=[0, 29, 45, 38, 67, 0], Distance=152.72, RemCap=441.0

Vehicle 6: Route=[0, 18, 49, 55, 6, 62, 75, 0], Distance=171.18, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31104.66

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Ep 49/50 | Reward 5747.98 | Loss 984293241.24 | Dist 1724.66 | Vehl 7

Vehicle 0: Route=[0, 54, 55, 49, 34, 57, 21, 19, 18, 23, 42, 12, 16, 17, 51, 46, 43, 47, 59, 10, 11, 8, 60, 58, 48, 5, 3, 4, 76, 0], Distance=357.15, RemCap=3.0

Vehicle 1: Route=[0, 53, 45, 13, 65, 50, 41, 32, 33, 79, 38, 74, 71, 52, 66, 0], Distance=221.30, RemCap=224.0

Vehicle 2: Route=[0, 56, 64, 2, 9, 7, 72, 39, 61, 0], Distance=211.83, RemCap=363.0

Vehicle 3: Route=[0, 68, 78, 25, 20, 27, 30, 35, 1, 37, 6, 63, 0], Distance=255.53, RemCap=290.0

Vehicle 4: Route=[0, 36, 29, 44, 22, 15, 77, 67, 80, 0], Distance=273.54, RemCap=409.0

Vehicle 5: Route=[0, 14, 40, 73, 26, 31, 62, 0], Distance=200.29, RemCap=372.0

Vehicle 6: Route=[0, 75, 28, 70, 24, 69, 0], Distance=205.01, RemCap=406.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26591.40

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Ep 50/50 | Reward 6251.27 | Loss 1274602843.50 | Dist 1541.05 | Vehl 7

Vehicle 0: Route=[0, 54, 49, 32, 29, 27, 28, 31, 35, 33, 1, 3, 36, 6, 8, 9, 38, 67, 47, 46, 14, 40, 39, 42, 25, 22, 20, 18, 19, 44, 73, 0], Distance=325.30, RemCap=5.0

Vehicle 1: Route=[0, 64, 4, 58, 60, 78, 15, 65, 50, 24, 21, 23, 51, 75, 79, 0], Distance=296.46, RemCap=273.0

Vehicle 2: Route=[0, 45, 41, 26, 30, 5, 48, 72, 74, 16, 77, 80, 0], Distance=253.51, RemCap=289.0

Vehicle 3: Route=[0, 13, 12, 70, 57, 2, 37, 10, 68, 0], Distance=203.76, RemCap=323.0

Vehicle 4: Route=[0, 53, 52, 43, 66, 34, 62, 76, 0], Distance=169.51, RemCap=378.0

Vehicle 5: Route=[0, 55, 71, 59, 69, 17, 56, 61, 0], Distance=193.21, RemCap=389.0

Vehicle 6: Route=[0, 7, 11, 63, 0], Distance=99.31, RemCap=410.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26507.74

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--- Training with max\_vehicles = 8 ---

Ep 1/50 | Reward 5743.05 | Loss 1076213660.91 | Dist 1743.43 | Vehl 8

Vehicle 0: Route=[0, 57, 32, 27, 34, 35, 55, 2, 76, 6, 48, 58, 9, 10, 59, 43, 71, 53, 45, 51, 17, 16, 14, 40, 15, 12, 42, 24, 20, 18, 56, 70, 0], Distance=371.23, RemCap=9.0

Vehicle 1: Route=[0, 31, 23, 19, 22, 39, 77, 7, 67, 11, 60, 63, 79, 0], Distance=261.85, RemCap=250.0

Vehicle 2: Route=[0, 52, 46, 69, 50, 61, 26, 30, 33, 5, 62, 0], Distance=217.16, RemCap=322.0

Vehicle 3: Route=[0, 54, 66, 78, 38, 8, 4, 1, 44, 21, 65, 0], Distance=266.58, RemCap=305.0

Vehicle 4: Route=[0, 36, 3, 28, 29, 73, 13, 72, 75, 0], Distance=209.18, RemCap=357.0

Vehicle 5: Route=[0, 37, 49, 41, 80, 68, 0], Distance=182.85, RemCap=403.0

Vehicle 6: Route=[0, 47, 25, 64, 0], Distance=178.68, RemCap=441.0

Vehicle 7: Route=[0, 74, 0], Distance=55.90, RemCap=480.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28200.47

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Ep 2/50 | Reward 6164.56 | Loss 1296157210.41 | Dist 1674.03 | Vehl 8

Vehicle 0: Route=[0, 53, 14, 39, 16, 17, 43, 59, 10, 48, 5, 36, 3, 1, 33, 35, 34, 28, 29, 49, 55, 54, 44, 26, 24, 23, 19, 18, 20, 25, 50, 61, 0], Distance=372.75, RemCap=0.0

Vehicle 1: Route=[0, 80, 77, 13, 42, 57, 27, 31, 32, 6, 62, 60, 9, 74, 0], Distance=246.63, RemCap=241.0

Vehicle 2: Route=[0, 64, 37, 67, 52, 51, 40, 15, 12, 41, 22, 65, 0], Distance=279.15, RemCap=296.0

Vehicle 3: Route=[0, 46, 75, 68, 8, 58, 4, 56, 21, 73, 0], Distance=223.41, RemCap=345.0

Vehicle 4: Route=[0, 2, 38, 69, 78, 0], Distance=159.49, RemCap=410.0

Vehicle 5: Route=[0, 71, 47, 11, 79, 30, 70, 0], Distance=168.73, RemCap=411.0

Vehicle 6: Route=[0, 45, 66, 7, 76, 0], Distance=122.56, RemCap=414.0

Vehicle 7: Route=[0, 63, 72, 0], Distance=101.31, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25842.83

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Ep 3/50 | Reward 6028.86 | Loss 1208171739.27 | Dist 1755.77 | Vehl 8

Vehicle 0: Route=[0, 52, 51, 41, 23, 19, 50, 42, 14, 16, 59, 47, 38, 11, 58, 54, 49, 32, 27, 28, 31, 33, 3, 4, 36, 37, 2, 6, 0], Distance=341.50, RemCap=2.0

Vehicle 1: Route=[0, 1, 29, 57, 26, 22, 40, 69, 80, 7, 67, 60, 46, 45, 73, 0], Distance=302.74, RemCap=237.0

Vehicle 2: Route=[0, 79, 5, 30, 70, 24, 20, 25, 39, 10, 9, 68, 0], Distance=251.61, RemCap=335.0

Vehicle 3: Route=[0, 55, 44, 12, 13, 17, 43, 71, 74, 72, 62, 0], Distance=189.08, RemCap=313.0

Vehicle 4: Route=[0, 75, 48, 35, 21, 65, 78, 0], Distance=221.21, RemCap=407.0

Vehicle 5: Route=[0, 53, 34, 18, 61, 0], Distance=158.85, RemCap=431.0

Vehicle 6: Route=[0, 66, 56, 15, 77, 0], Distance=138.63, RemCap=442.0

Vehicle 7: Route=[0, 64, 8, 63, 76, 0], Distance=152.17, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28654.25

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Ep 4/50 | Reward 5772.67 | Loss 1096846667.15 | Dist 1688.45 | Vehl 8

Vehicle 0: Route=[0, 52, 53, 45, 46, 12, 59, 7, 8, 9, 60, 2, 36, 4, 55, 49, 32, 28, 29, 44, 56, 41, 26, 21, 20, 22, 24, 25, 0], Distance=340.00, RemCap=1.0

Vehicle 1: Route=[0, 3, 1, 31, 19, 61, 40, 17, 43, 38, 67, 72, 47, 80, 0], Distance=271.60, RemCap=327.0

Vehicle 2: Route=[0, 66, 10, 48, 6, 34, 27, 51, 15, 65, 0], Distance=237.13, RemCap=318.0

Vehicle 3: Route=[0, 16, 69, 39, 35, 63, 37, 76, 5, 79, 0], Distance=172.11, RemCap=314.0

Vehicle 4: Route=[0, 54, 58, 13, 50, 70, 73, 0], Distance=167.43, RemCap=401.0

Vehicle 5: Route=[0, 18, 23, 57, 30, 62, 0], Distance=179.39, RemCap=402.0

Vehicle 6: Route=[0, 64, 33, 75, 11, 74, 14, 71, 0], Distance=174.10, RemCap=390.0

Vehicle 7: Route=[0, 42, 68, 78, 77, 0], Distance=146.70, RemCap=414.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29729.56

--------------------------------------------------

Ep 5/50 | Reward 6070.28 | Loss 1224681951.80 | Dist 1565.57 | Vehl 8

Vehicle 0: Route=[0, 32, 31, 1, 3, 4, 37, 5, 6, 58, 60, 11, 10, 7, 46, 13, 39, 22, 20, 18, 21, 23, 26, 41, 45, 53, 0], Distance=273.29, RemCap=0.0

Vehicle 1: Route=[0, 54, 33, 35, 34, 27, 61, 12, 15, 14, 16, 67, 75, 2, 63, 0], Distance=239.55, RemCap=241.0

Vehicle 2: Route=[0, 28, 51, 50, 40, 77, 59, 71, 74, 9, 48, 36, 62, 0], Distance=291.70, RemCap=302.0

Vehicle 3: Route=[0, 44, 57, 52, 43, 80, 8, 38, 72, 0], Distance=143.81, RemCap=409.0

Vehicle 4: Route=[0, 79, 17, 69, 25, 24, 19, 49, 64, 0], Distance=211.61, RemCap=365.0

Vehicle 5: Route=[0, 78, 66, 30, 29, 56, 70, 73, 0], Distance=183.03, RemCap=392.0

Vehicle 6: Route=[0, 55, 76, 47, 42, 65, 0], Distance=166.71, RemCap=398.0

Vehicle 7: Route=[0, 68, 0], Distance=55.88, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28619.56

--------------------------------------------------

Ep 6/50 | Reward 6129.06 | Loss 1294033824.19 | Dist 1631.19 | Vehl 8

Vehicle 0: Route=[0, 53, 51, 45, 55, 34, 31, 28, 57, 56, 23, 21, 20, 24, 50, 42, 12, 40, 17, 43, 47, 7, 10, 11, 9, 58, 48, 5, 2, 4, 0], Distance=345.95, RemCap=4.0

Vehicle 1: Route=[0, 33, 35, 3, 76, 60, 8, 71, 69, 13, 22, 19, 26, 70, 0], Distance=240.65, RemCap=259.0

Vehicle 2: Route=[0, 52, 66, 79, 49, 30, 29, 27, 18, 65, 14, 61, 0], Distance=214.05, RemCap=318.0

Vehicle 3: Route=[0, 54, 6, 36, 1, 41, 77, 78, 59, 67, 0], Distance=230.81, RemCap=336.0

Vehicle 4: Route=[0, 15, 39, 25, 44, 32, 62, 72, 74, 0], Distance=233.20, RemCap=374.0

Vehicle 5: Route=[0, 16, 75, 37, 64, 0], Distance=155.48, RemCap=415.0

Vehicle 6: Route=[0, 63, 73, 46, 80, 0], Distance=144.66, RemCap=411.0

Vehicle 7: Route=[0, 38, 68, 0], Distance=66.39, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26866.07

--------------------------------------------------

Ep 7/50 | Reward 6285.67 | Loss 1370210824.11 | Dist 1689.01 | Vehl 8

Vehicle 0: Route=[0, 32, 31, 29, 57, 56, 23, 18, 22, 26, 50, 39, 15, 17, 16, 14, 51, 46, 43, 47, 7, 10, 9, 60, 2, 1, 3, 4, 76, 0], Distance=320.47, RemCap=3.0

Vehicle 1: Route=[0, 35, 64, 20, 24, 25, 13, 69, 67, 11, 58, 48, 5, 63, 0], Distance=253.10, RemCap=238.0

Vehicle 2: Route=[0, 33, 34, 36, 55, 52, 59, 72, 68, 8, 75, 0], Distance=202.04, RemCap=330.0

Vehicle 3: Route=[0, 66, 6, 49, 30, 44, 21, 42, 78, 40, 65, 0], Distance=267.52, RemCap=328.0

Vehicle 4: Route=[0, 53, 61, 19, 54, 79, 38, 80, 0], Distance=196.80, RemCap=406.0

Vehicle 5: Route=[0, 37, 28, 41, 12, 73, 70, 0], Distance=202.79, RemCap=373.0

Vehicle 6: Route=[0, 45, 77, 74, 62, 0], Distance=138.46, RemCap=424.0

Vehicle 7: Route=[0, 27, 71, 0], Distance=107.82, RemCap=465.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25641.24

--------------------------------------------------

Ep 8/50 | Reward 7651.24 | Loss 2270815385.97 | Dist 1755.42 | Vehl 8

Vehicle 0: Route=[0, 45, 51, 14, 40, 39, 15, 17, 53, 52, 38, 60, 58, 2, 4, 3, 55, 54, 49, 35, 31, 28, 32, 57, 44, 56, 26, 23, 19, 25, 50, 0], Distance=338.71, RemCap=3.0

Vehicle 1: Route=[0, 12, 73, 61, 41, 24, 70, 29, 33, 1, 5, 6, 11, 74, 0], Distance=256.90, RemCap=290.0

Vehicle 2: Route=[0, 20, 16, 78, 80, 43, 72, 10, 7, 8, 9, 63, 0], Distance=231.58, RemCap=289.0

Vehicle 3: Route=[0, 64, 27, 34, 48, 47, 77, 69, 46, 42, 22, 65, 0], Distance=281.70, RemCap=274.0

Vehicle 4: Route=[0, 13, 71, 67, 0], Distance=111.28, RemCap=425.0

Vehicle 5: Route=[0, 18, 30, 36, 75, 62, 0], Distance=210.73, RemCap=415.0

Vehicle 6: Route=[0, 21, 79, 37, 68, 0], Distance=179.40, RemCap=424.0

Vehicle 7: Route=[0, 59, 76, 66, 0], Distance=145.12, RemCap=447.0

Total vehicle waiting time = 0.00

Total customer waiting time = 20070.65

--------------------------------------------------

Ep 9/50 | Reward 6139.53 | Loss 1247352289.14 | Dist 1612.77 | Vehl 8

Vehicle 0: Route=[0, 53, 52, 54, 55, 2, 4, 5, 38, 11, 10, 17, 16, 50, 25, 24, 18, 23, 26, 41, 56, 44, 57, 35, 31, 30, 29, 27, 0], Distance=318.81, RemCap=0.0

Vehicle 1: Route=[0, 66, 34, 32, 19, 22, 73, 65, 12, 15, 8, 60, 58, 6, 76, 0], Distance=272.20, RemCap=242.0

Vehicle 2: Route=[0, 70, 20, 21, 36, 37, 48, 47, 80, 14, 77, 0], Distance=261.53, RemCap=390.0

Vehicle 3: Route=[0, 61, 13, 9, 3, 1, 28, 33, 49, 79, 75, 0], Distance=233.07, RemCap=337.0

Vehicle 4: Route=[0, 45, 46, 71, 7, 67, 63, 0], Distance=129.87, RemCap=353.0

Vehicle 5: Route=[0, 51, 40, 39, 43, 68, 72, 0], Distance=116.44, RemCap=410.0

Vehicle 6: Route=[0, 62, 59, 78, 74, 0], Distance=143.08, RemCap=414.0

Vehicle 7: Route=[0, 64, 42, 69, 0], Distance=137.77, RemCap=421.0

Total vehicle waiting time = 90.32

Total customer waiting time = 25603.65

--------------------------------------------------

Ep 10/50 | Reward 5515.00 | Loss 970419252.69 | Dist 1780.75 | Vehl 8

Vehicle 0: Route=[0, 43, 17, 16, 14, 12, 42, 26, 22, 20, 18, 21, 57, 29, 27, 28, 35, 54, 55, 1, 58, 60, 38, 9, 8, 7, 47, 59, 0], Distance=348.60, RemCap=19.0

Vehicle 1: Route=[0, 46, 80, 40, 51, 73, 41, 70, 56, 30, 33, 2, 48, 11, 74, 0], Distance=234.13, RemCap=264.0

Vehicle 2: Route=[0, 63, 3, 31, 49, 44, 23, 13, 15, 67, 68, 0], Distance=254.96, RemCap=265.0

Vehicle 3: Route=[0, 52, 66, 34, 32, 25, 39, 77, 0], Distance=207.01, RemCap=390.0

Vehicle 4: Route=[0, 36, 37, 75, 72, 53, 19, 61, 0], Distance=200.91, RemCap=426.0

Vehicle 5: Route=[0, 10, 6, 79, 64, 24, 65, 69, 0], Distance=245.62, RemCap=343.0

Vehicle 6: Route=[0, 71, 5, 4, 62, 0], Distance=110.00, RemCap=415.0

Vehicle 7: Route=[0, 76, 45, 50, 78, 0], Distance=179.53, RemCap=445.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27951.20

--------------------------------------------------

Ep 11/50 | Reward 5582.25 | Loss 998792460.52 | Dist 1694.57 | Vehl 8

Vehicle 0: Route=[0, 53, 51, 14, 12, 42, 25, 18, 20, 22, 24, 26, 44, 57, 32, 28, 35, 33, 49, 79, 4, 37, 5, 48, 58, 8, 7, 10, 47, 59, 80, 0], Distance=359.10, RemCap=4.0

Vehicle 1: Route=[0, 11, 6, 55, 34, 30, 19, 70, 73, 50, 65, 16, 69, 0], Distance=273.26, RemCap=253.0

Vehicle 2: Route=[0, 52, 46, 17, 45, 54, 3, 36, 60, 72, 68, 0], Distance=178.05, RemCap=314.0

Vehicle 3: Route=[0, 56, 64, 31, 2, 75, 38, 13, 61, 0], Distance=212.83, RemCap=338.0

Vehicle 4: Route=[0, 62, 29, 27, 23, 39, 15, 78, 77, 0], Distance=249.97, RemCap=373.0

Vehicle 5: Route=[0, 66, 1, 63, 74, 43, 71, 0], Distance=114.47, RemCap=375.0

Vehicle 6: Route=[0, 21, 9, 67, 0], Distance=152.43, RemCap=460.0

Vehicle 7: Route=[0, 41, 40, 76, 0], Distance=154.47, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30950.58

--------------------------------------------------

Ep 12/50 | Reward 5770.61 | Loss 1055901372.96 | Dist 1595.55 | Vehl 8

Vehicle 0: Route=[0, 57, 32, 30, 34, 35, 55, 2, 5, 48, 60, 8, 7, 17, 16, 13, 14, 45, 42, 50, 41, 26, 25, 24, 22, 20, 23, 0], Distance=283.26, RemCap=1.0

Vehicle 1: Route=[0, 66, 6, 37, 3, 54, 49, 44, 64, 29, 19, 18, 77, 80, 43, 38, 67, 0], Distance=300.98, RemCap=249.0

Vehicle 2: Route=[0, 79, 63, 1, 33, 31, 21, 40, 52, 71, 68, 0], Distance=236.63, RemCap=293.0

Vehicle 3: Route=[0, 70, 56, 28, 36, 62, 58, 59, 39, 15, 69, 0], Distance=236.09, RemCap=326.0

Vehicle 4: Route=[0, 53, 51, 65, 27, 4, 9, 11, 72, 75, 0], Distance=220.82, RemCap=351.0

Vehicle 5: Route=[0, 76, 10, 47, 46, 73, 12, 78, 0], Distance=213.28, RemCap=370.0

Vehicle 6: Route=[0, 61, 0], Distance=48.59, RemCap=497.0

Vehicle 7: Route=[0, 74, 0], Distance=55.90, RemCap=480.0

Total vehicle waiting time = 87.86

Total customer waiting time = 29528.91

--------------------------------------------------

Ep 13/50 | Reward 5847.22 | Loss 1154838925.66 | Dist 1669.76 | Vehl 8

Vehicle 0: Route=[0, 45, 51, 17, 14, 13, 50, 41, 25, 24, 20, 19, 29, 27, 31, 35, 33, 32, 57, 44, 49, 54, 55, 5, 76, 48, 60, 58, 38, 7, 43, 75, 0], Distance=330.25, RemCap=14.0

Vehicle 1: Route=[0, 34, 28, 30, 70, 53, 71, 9, 11, 74, 16, 39, 15, 78, 0], Distance=246.12, RemCap=260.0

Vehicle 2: Route=[0, 3, 4, 2, 10, 68, 52, 26, 22, 40, 77, 0], Distance=253.65, RemCap=307.0

Vehicle 3: Route=[0, 18, 73, 42, 46, 8, 47, 69, 12, 65, 0], Distance=236.86, RemCap=290.0

Vehicle 4: Route=[0, 21, 1, 63, 37, 66, 72, 0], Distance=202.74, RemCap=383.0

Vehicle 5: Route=[0, 56, 80, 59, 62, 6, 79, 0], Distance=177.90, RemCap=396.0

Vehicle 6: Route=[0, 67, 36, 64, 0], Distance=136.87, RemCap=440.0

Vehicle 7: Route=[0, 23, 61, 0], Distance=85.37, RemCap=477.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27028.58

--------------------------------------------------

Ep 14/50 | Reward 6476.11 | Loss 1466926298.18 | Dist 1571.55 | Vehl 8

Vehicle 0: Route=[0, 44, 57, 28, 30, 33, 35, 1, 36, 2, 55, 9, 11, 10, 7, 59, 15, 39, 12, 40, 14, 16, 17, 46, 43, 51, 25, 20, 18, 23, 61, 0], Distance=349.01, RemCap=1.0

Vehicle 1: Route=[0, 49, 34, 31, 41, 22, 50, 13, 8, 38, 78, 77, 69, 0], Distance=270.38, RemCap=268.0

Vehicle 2: Route=[0, 52, 71, 53, 24, 21, 27, 6, 76, 37, 63, 0], Distance=202.51, RemCap=333.0

Vehicle 3: Route=[0, 79, 3, 4, 48, 74, 80, 45, 73, 0], Distance=150.99, RemCap=372.0

Vehicle 4: Route=[0, 70, 29, 54, 75, 60, 58, 68, 47, 72, 0], Distance=197.06, RemCap=354.0

Vehicle 5: Route=[0, 32, 42, 67, 5, 62, 0], Distance=194.49, RemCap=391.0

Vehicle 6: Route=[0, 56, 64, 0], Distance=73.23, RemCap=456.0

Vehicle 7: Route=[0, 66, 26, 19, 65, 0], Distance=133.88, RemCap=392.0

Total vehicle waiting time = 0.00

Total customer waiting time = 23272.31

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Ep 15/50 | Reward 5724.90 | Loss 1065339454.69 | Dist 1864.92 | Vehl 8

Vehicle 0: Route=[0, 44, 27, 28, 33, 49, 54, 55, 2, 1, 37, 5, 48, 9, 11, 59, 46, 16, 14, 39, 50, 18, 21, 23, 42, 51, 45, 70, 0], Distance=363.38, RemCap=5.0

Vehicle 1: Route=[0, 79, 6, 76, 30, 32, 56, 41, 65, 53, 43, 7, 10, 67, 0], Distance=231.04, RemCap=260.0

Vehicle 2: Route=[0, 4, 35, 26, 25, 73, 52, 80, 40, 13, 77, 0], Distance=262.26, RemCap=331.0

Vehicle 3: Route=[0, 61, 24, 22, 29, 34, 63, 47, 12, 71, 0], Distance=257.39, RemCap=353.0

Vehicle 4: Route=[0, 60, 58, 8, 68, 19, 17, 69, 0], Distance=219.60, RemCap=348.0

Vehicle 5: Route=[0, 3, 62, 38, 78, 72, 0], Distance=156.99, RemCap=420.0

Vehicle 6: Route=[0, 15, 57, 64, 36, 66, 75, 0], Distance=191.23, RemCap=410.0

Vehicle 7: Route=[0, 31, 20, 74, 0], Distance=183.03, RemCap=440.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26986.08

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Ep 16/50 | Reward 5648.78 | Loss 1050951974.48 | Dist 1717.47 | Vehl 8

Vehicle 0: Route=[0, 66, 5, 37, 36, 2, 55, 49, 35, 56, 61, 21, 19, 18, 20, 50, 42, 14, 13, 15, 17, 51, 43, 71, 8, 9, 38, 10, 7, 47, 59, 77, 0], Distance=369.32, RemCap=12.0

Vehicle 1: Route=[0, 32, 27, 1, 3, 6, 58, 75, 52, 46, 80, 12, 65, 0], Distance=229.70, RemCap=302.0

Vehicle 2: Route=[0, 74, 60, 62, 4, 54, 44, 23, 24, 16, 39, 78, 0], Distance=263.75, RemCap=266.0

Vehicle 3: Route=[0, 11, 48, 76, 63, 34, 28, 30, 57, 25, 73, 0], Distance=212.67, RemCap=307.0

Vehicle 4: Route=[0, 31, 41, 53, 72, 0], Distance=164.11, RemCap=414.0

Vehicle 5: Route=[0, 79, 33, 29, 26, 45, 69, 0], Distance=183.16, RemCap=385.0

Vehicle 6: Route=[0, 22, 40, 68, 0], Distance=149.14, RemCap=440.0

Vehicle 7: Route=[0, 67, 64, 70, 0], Distance=145.63, RemCap=441.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26966.92

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Ep 17/50 | Reward 5884.33 | Loss 1141132659.48 | Dist 1673.53 | Vehl 8

Vehicle 0: Route=[0, 52, 53, 51, 50, 24, 18, 21, 44, 57, 27, 28, 31, 35, 33, 49, 54, 1, 4, 36, 6, 8, 9, 11, 47, 17, 14, 12, 39, 15, 69, 0], Distance=337.91, RemCap=2.0

Vehicle 1: Route=[0, 2, 37, 30, 56, 22, 42, 16, 80, 59, 72, 67, 68, 0], Distance=255.13, RemCap=273.0

Vehicle 2: Route=[0, 32, 64, 29, 26, 77, 10, 38, 60, 58, 62, 3, 79, 0], Distance=252.53, RemCap=285.0

Vehicle 3: Route=[0, 23, 41, 73, 13, 40, 66, 55, 76, 0], Distance=191.23, RemCap=322.0

Vehicle 4: Route=[0, 75, 71, 78, 46, 45, 20, 34, 63, 0], Distance=239.20, RemCap=348.0

Vehicle 5: Route=[0, 5, 48, 7, 65, 25, 70, 0], Distance=172.51, RemCap=383.0

Vehicle 6: Route=[0, 43, 61, 0], Distance=78.72, RemCap=494.0

Vehicle 7: Route=[0, 19, 74, 0], Distance=146.29, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27328.78

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Ep 18/50 | Reward 5705.44 | Loss 1063329196.43 | Dist 1709.23 | Vehl 8

Vehicle 0: Route=[0, 54, 44, 49, 55, 79, 37, 36, 3, 1, 33, 35, 34, 31, 28, 30, 19, 20, 23, 41, 52, 9, 38, 7, 47, 59, 43, 46, 39, 15, 77, 0], Distance=396.03, RemCap=11.0

Vehicle 1: Route=[0, 51, 17, 40, 45, 61, 24, 56, 2, 6, 67, 68, 74, 0], Distance=228.39, RemCap=287.0

Vehicle 2: Route=[0, 71, 14, 12, 22, 18, 21, 57, 32, 64, 4, 63, 0], Distance=218.59, RemCap=287.0

Vehicle 3: Route=[0, 70, 50, 26, 27, 29, 8, 10, 69, 0], Distance=252.64, RemCap=355.0

Vehicle 4: Route=[0, 75, 5, 76, 11, 42, 65, 16, 78, 0], Distance=209.77, RemCap=335.0

Vehicle 5: Route=[0, 66, 48, 60, 53, 73, 0], Distance=98.46, RemCap=395.0

Vehicle 6: Route=[0, 13, 58, 72, 80, 0], Distance=155.44, RemCap=437.0

Vehicle 7: Route=[0, 25, 62, 0], Distance=149.91, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29309.88

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Ep 19/50 | Reward 6466.20 | Loss 1454413029.37 | Dist 1676.28 | Vehl 8

Vehicle 0: Route=[0, 52, 59, 13, 40, 17, 51, 42, 50, 26, 21, 56, 44, 29, 27, 31, 30, 33, 54, 55, 3, 36, 37, 5, 6, 48, 60, 7, 9, 38, 0], Distance=348.51, RemCap=8.0

Vehicle 1: Route=[0, 70, 22, 34, 75, 58, 10, 68, 74, 43, 46, 39, 53, 71, 0], Distance=278.10, RemCap=304.0

Vehicle 2: Route=[0, 72, 69, 16, 14, 61, 41, 20, 23, 32, 35, 2, 63, 0], Distance=243.47, RemCap=247.0

Vehicle 3: Route=[0, 79, 62, 76, 1, 49, 45, 25, 18, 19, 64, 0], Distance=224.92, RemCap=306.0

Vehicle 4: Route=[0, 28, 11, 65, 24, 73, 0], Distance=231.08, RemCap=381.0

Vehicle 5: Route=[0, 66, 4, 57, 15, 47, 78, 77, 0], Distance=217.51, RemCap=389.0

Vehicle 6: Route=[0, 8, 67, 12, 80, 0], Distance=132.69, RemCap=432.0

Vehicle 7: Route=[0], Distance=0.00, RemCap=500

Total vehicle waiting time = 0.00

Total customer waiting time = 28576.50

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Ep 20/50 | Reward 5734.23 | Loss 1038559775.45 | Dist 1608.55 | Vehl 8

Vehicle 0: Route=[0, 53, 46, 47, 10, 38, 9, 8, 6, 5, 37, 4, 1, 55, 30, 26, 20, 22, 24, 41, 42, 13, 14, 16, 17, 51, 73, 61, 0], Distance=313.14, RemCap=12.0

Vehicle 1: Route=[0, 48, 76, 29, 57, 23, 21, 19, 25, 15, 69, 40, 71, 74, 0], Distance=259.28, RemCap=310.0

Vehicle 2: Route=[0, 75, 60, 11, 7, 12, 27, 31, 3, 36, 63, 62, 0], Distance=248.12, RemCap=258.0

Vehicle 3: Route=[0, 54, 2, 58, 80, 78, 39, 18, 65, 0], Distance=234.86, RemCap=345.0

Vehicle 4: Route=[0, 34, 32, 45, 52, 43, 68, 67, 79, 0], Distance=161.28, RemCap=346.0

Vehicle 5: Route=[0, 70, 44, 28, 33, 72, 59, 77, 0], Distance=207.41, RemCap=392.0

Vehicle 6: Route=[0, 50, 49, 35, 64, 0], Distance=127.08, RemCap=445.0

Vehicle 7: Route=[0, 56, 66, 0], Distance=57.37, RemCap=459.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26768.45

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Ep 21/50 | Reward 5796.50 | Loss 1077579772.13 | Dist 1662.08 | Vehl 8

Vehicle 0: Route=[0, 52, 71, 46, 17, 39, 13, 14, 51, 45, 73, 50, 24, 22, 20, 19, 44, 49, 32, 29, 28, 31, 33, 1, 3, 48, 60, 58, 11, 10, 72, 0], Distance=320.09, RemCap=2.0

Vehicle 1: Route=[0, 5, 37, 4, 63, 2, 64, 21, 18, 26, 61, 12, 65, 0], Distance=235.55, RemCap=226.0

Vehicle 2: Route=[0, 30, 76, 6, 62, 68, 59, 15, 40, 75, 0], Distance=222.37, RemCap=349.0

Vehicle 3: Route=[0, 53, 42, 25, 35, 55, 8, 78, 0], Distance=227.27, RemCap=382.0

Vehicle 4: Route=[0, 34, 27, 23, 70, 77, 47, 43, 38, 74, 0], Distance=249.28, RemCap=372.0

Vehicle 5: Route=[0, 7, 66, 54, 56, 41, 69, 0], Distance=170.77, RemCap=348.0

Vehicle 6: Route=[0, 36, 57, 16, 80, 0], Distance=163.07, RemCap=434.0

Vehicle 7: Route=[0, 79, 9, 67, 0], Distance=73.68, RemCap=454.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27192.37

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Ep 22/50 | Reward 5599.51 | Loss 1016838699.62 | Dist 1557.18 | Vehl 8

Vehicle 0: Route=[0, 32, 30, 29, 27, 35, 55, 2, 1, 4, 36, 76, 48, 60, 58, 11, 10, 38, 8, 52, 51, 14, 40, 12, 26, 24, 20, 18, 25, 65, 0], Distance=333.34, RemCap=4.0

Vehicle 1: Route=[0, 64, 28, 31, 3, 6, 71, 46, 80, 15, 39, 13, 50, 73, 0], Distance=214.85, RemCap=240.0

Vehicle 2: Route=[0, 54, 34, 37, 5, 66, 16, 78, 72, 7, 75, 0], Distance=199.69, RemCap=297.0

Vehicle 3: Route=[0, 44, 19, 23, 41, 61, 45, 43, 9, 68, 74, 0], Distance=171.21, RemCap=319.0

Vehicle 4: Route=[0, 49, 33, 57, 56, 42, 47, 62, 79, 0], Distance=191.70, RemCap=375.0

Vehicle 5: Route=[0, 53, 59, 63, 0], Distance=144.79, RemCap=428.0

Vehicle 6: Route=[0, 67, 77, 17, 21, 70, 0], Distance=174.15, RemCap=444.0

Vehicle 7: Route=[0, 22, 69, 0], Distance=127.46, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28206.03

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Ep 23/50 | Reward 6024.95 | Loss 1212394947.87 | Dist 1667.91 | Vehl 8

Vehicle 0: Route=[0, 54, 75, 48, 76, 37, 4, 3, 1, 35, 34, 27, 29, 30, 44, 41, 23, 18, 20, 50, 39, 15, 13, 40, 14, 17, 53, 52, 43, 7, 8, 9, 38, 72, 0], Distance=335.95, RemCap=0.0

Vehicle 1: Route=[0, 2, 49, 45, 24, 42, 16, 77, 47, 46, 71, 68, 0], Distance=248.98, RemCap=269.0

Vehicle 2: Route=[0, 66, 79, 58, 11, 59, 73, 22, 19, 26, 61, 0], Distance=213.98, RemCap=335.0

Vehicle 3: Route=[0, 78, 51, 56, 57, 31, 63, 5, 62, 0], Distance=203.10, RemCap=321.0

Vehicle 4: Route=[0, 74, 60, 55, 28, 21, 12, 65, 0], Distance=241.52, RemCap=329.0

Vehicle 5: Route=[0, 33, 36, 6, 10, 67, 0], Distance=130.48, RemCap=420.0

Vehicle 6: Route=[0, 32, 70, 69, 0], Distance=128.84, RemCap=441.0

Vehicle 7: Route=[0, 64, 25, 80, 0], Distance=165.05, RemCap=452.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28108.21

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Ep 24/50 | Reward 6264.02 | Loss 1293307729.31 | Dist 1756.66 | Vehl 8

Vehicle 0: Route=[0, 52, 17, 15, 39, 12, 13, 45, 41, 24, 20, 26, 56, 29, 28, 32, 49, 54, 55, 1, 3, 4, 5, 6, 58, 9, 10, 7, 43, 0], Distance=308.48, RemCap=0.0

Vehicle 1: Route=[0, 51, 14, 40, 65, 50, 22, 73, 44, 64, 27, 2, 66, 11, 72, 0], Distance=278.00, RemCap=245.0

Vehicle 2: Route=[0, 71, 47, 48, 62, 76, 37, 30, 21, 23, 16, 69, 0], Distance=265.11, RemCap=289.0

Vehicle 3: Route=[0, 19, 57, 35, 36, 79, 75, 59, 77, 0], Distance=257.08, RemCap=408.0

Vehicle 4: Route=[0, 34, 33, 42, 78, 74, 68, 60, 67, 0], Distance=206.31, RemCap=324.0

Vehicle 5: Route=[0, 53, 8, 31, 18, 61, 0], Distance=197.80, RemCap=401.0

Vehicle 6: Route=[0, 25, 70, 63, 0], Distance=143.91, RemCap=441.0

Vehicle 7: Route=[0, 38, 46, 80, 0], Distance=99.98, RemCap=459.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28860.24

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Ep 25/50 | Reward 5605.63 | Loss 1022730790.68 | Dist 1743.65 | Vehl 8

Vehicle 0: Route=[0, 49, 33, 35, 30, 57, 21, 22, 25, 41, 12, 39, 15, 14, 17, 46, 45, 52, 7, 68, 10, 11, 38, 8, 60, 48, 62, 37, 1, 4, 76, 0], Distance=325.43, RemCap=1.0

Vehicle 1: Route=[0, 51, 40, 42, 65, 20, 44, 32, 28, 31, 63, 9, 72, 75, 0], Distance=258.35, RemCap=242.0

Vehicle 2: Route=[0, 61, 18, 50, 13, 43, 67, 58, 6, 2, 71, 0], Distance=229.31, RemCap=328.0

Vehicle 3: Route=[0, 54, 55, 3, 79, 59, 16, 24, 26, 70, 0], Distance=221.78, RemCap=325.0

Vehicle 4: Route=[0, 5, 36, 27, 53, 69, 73, 0], Distance=193.36, RemCap=386.0

Vehicle 5: Route=[0, 34, 64, 56, 47, 80, 0], Distance=152.59, RemCap=409.0

Vehicle 6: Route=[0, 66, 29, 23, 77, 74, 0], Distance=206.18, RemCap=416.0

Vehicle 7: Route=[0, 19, 78, 0], Distance=156.66, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30681.92

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Ep 26/50 | Reward 5378.27 | Loss 939752974.76 | Dist 1738.51 | Vehl 8

Vehicle 0: Route=[0, 52, 40, 13, 12, 59, 10, 67, 38, 8, 58, 5, 76, 4, 3, 36, 66, 54, 49, 33, 35, 34, 30, 32, 26, 21, 19, 18, 20, 50, 73, 0], Distance=343.37, RemCap=2.0

Vehicle 1: Route=[0, 53, 41, 25, 42, 16, 72, 7, 37, 75, 0], Distance=204.14, RemCap=330.0

Vehicle 2: Route=[0, 48, 2, 31, 27, 44, 22, 51, 46, 77, 69, 65, 0], Distance=270.97, RemCap=269.0

Vehicle 3: Route=[0, 57, 29, 79, 9, 11, 43, 14, 17, 80, 0], Distance=192.20, RemCap=405.0

Vehicle 4: Route=[0, 28, 39, 15, 47, 68, 0], Distance=179.52, RemCap=381.0

Vehicle 5: Route=[0, 6, 62, 45, 61, 56, 64, 0], Distance=165.95, RemCap=384.0

Vehicle 6: Route=[0, 70, 24, 55, 63, 71, 0], Distance=167.30, RemCap=403.0

Vehicle 7: Route=[0, 23, 1, 60, 74, 78, 0], Distance=215.08, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29235.85

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Ep 27/50 | Reward 5936.32 | Loss 1112431496.86 | Dist 1700.89 | Vehl 8

Vehicle 0: Route=[0, 52, 51, 40, 15, 39, 50, 25, 20, 22, 26, 41, 45, 54, 49, 44, 56, 57, 32, 28, 35, 33, 1, 3, 4, 2, 5, 6, 60, 38, 79, 0], Distance=323.37, RemCap=1.0

Vehicle 1: Route=[0, 53, 46, 12, 23, 34, 55, 66, 8, 67, 7, 80, 78, 0], Distance=275.44, RemCap=253.0

Vehicle 2: Route=[0, 30, 31, 27, 19, 42, 69, 77, 17, 43, 48, 68, 0], Distance=259.40, RemCap=294.0

Vehicle 3: Route=[0, 63, 37, 36, 64, 70, 24, 59, 10, 72, 0], Distance=260.96, RemCap=345.0

Vehicle 4: Route=[0, 21, 18, 73, 71, 47, 11, 62, 0], Distance=199.97, RemCap=358.0

Vehicle 5: Route=[0, 58, 16, 13, 14, 61, 0], Distance=140.18, RemCap=402.0

Vehicle 6: Route=[0, 29, 76, 9, 74, 0], Distance=143.14, RemCap=450.0

Vehicle 7: Route=[0, 65, 75, 0], Distance=98.43, RemCap=464.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26734.80

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Ep 28/50 | Reward 6016.49 | Loss 1174386400.60 | Dist 1748.48 | Vehl 8

Vehicle 0: Route=[0, 52, 53, 45, 16, 13, 15, 39, 12, 42, 50, 24, 20, 19, 23, 41, 56, 57, 29, 32, 49, 2, 36, 37, 6, 48, 10, 59, 47, 43, 80, 0], Distance=352.58, RemCap=0.0

Vehicle 1: Route=[0, 54, 35, 28, 18, 40, 51, 71, 7, 38, 62, 4, 79, 0], Distance=263.52, RemCap=251.0

Vehicle 2: Route=[0, 74, 67, 11, 58, 5, 55, 26, 21, 22, 69, 0], Distance=229.37, RemCap=312.0

Vehicle 3: Route=[0, 27, 33, 3, 63, 75, 8, 17, 77, 0], Distance=208.82, RemCap=378.0

Vehicle 4: Route=[0, 65, 70, 44, 64, 34, 60, 72, 0], Distance=198.04, RemCap=357.0

Vehicle 5: Route=[0, 31, 30, 61, 46, 78, 0], Distance=162.81, RemCap=414.0

Vehicle 6: Route=[0, 25, 14, 66, 9, 76, 0], Distance=197.17, RemCap=433.0

Vehicle 7: Route=[0, 1, 68, 73, 0], Distance=136.18, RemCap=422.0

Total vehicle waiting time = 0.00

Total customer waiting time = 26134.53

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Ep 29/50 | Reward 5635.22 | Loss 990617376.49 | Dist 1734.85 | Vehl 8

Vehicle 0: Route=[0, 54, 2, 3, 36, 37, 5, 6, 58, 11, 38, 7, 52, 46, 59, 17, 16, 13, 50, 20, 18, 21, 29, 28, 35, 44, 41, 61, 0], Distance=364.98, RemCap=4.0

Vehicle 1: Route=[0, 79, 62, 60, 8, 9, 67, 43, 69, 12, 26, 23, 33, 55, 49, 70, 0], Distance=274.19, RemCap=223.0

Vehicle 2: Route=[0, 53, 51, 45, 56, 31, 76, 10, 47, 71, 66, 0], Distance=202.35, RemCap=313.0

Vehicle 3: Route=[0, 48, 75, 39, 42, 65, 25, 24, 30, 1, 63, 0], Distance=238.62, RemCap=328.0

Vehicle 4: Route=[0, 64, 19, 22, 73, 14, 40, 68, 80, 0], Distance=216.31, RemCap=354.0

Vehicle 5: Route=[0, 32, 27, 15, 77, 0], Distance=163.16, RemCap=443.0

Vehicle 6: Route=[0, 57, 34, 74, 0], Distance=124.84, RemCap=452.0

Vehicle 7: Route=[0, 4, 78, 72, 0], Distance=150.40, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28984.78

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Ep 30/50 | Reward 6275.35 | Loss 1340891305.12 | Dist 1615.97 | Vehl 8

Vehicle 0: Route=[0, 55, 8, 9, 38, 11, 58, 6, 37, 4, 3, 1, 33, 31, 27, 32, 44, 19, 18, 20, 21, 23, 26, 41, 70, 53, 46, 14, 40, 17, 77, 0], Distance=341.68, RemCap=1.0

Vehicle 1: Route=[0, 51, 50, 65, 12, 15, 78, 68, 49, 35, 29, 28, 34, 63, 0], Distance=240.80, RemCap=227.0

Vehicle 2: Route=[0, 57, 61, 73, 42, 16, 59, 47, 48, 36, 75, 0], Distance=216.37, RemCap=345.0

Vehicle 3: Route=[0, 43, 45, 30, 2, 5, 62, 10, 74, 72, 0], Distance=196.42, RemCap=338.0

Vehicle 4: Route=[0, 56, 24, 25, 67, 13, 69, 0], Distance=208.31, RemCap=376.0

Vehicle 5: Route=[0, 39, 71, 52, 54, 64, 76, 0], Distance=188.12, RemCap=398.0

Vehicle 6: Route=[0, 22, 79, 7, 80, 0], Distance=170.00, RemCap=436.0

Vehicle 7: Route=[0, 60, 66, 0], Distance=54.27, RemCap=446.0

Total vehicle waiting time = 0.00

Total customer waiting time = 24379.18

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Ep 31/50 | Reward 5431.08 | Loss 918311608.81 | Dist 1715.58 | Vehl 8

Vehicle 0: Route=[0, 54, 49, 33, 35, 31, 28, 27, 29, 23, 21, 20, 22, 25, 50, 15, 16, 53, 43, 47, 11, 8, 48, 55, 2, 3, 4, 36, 62, 0], Distance=334.47, RemCap=16.0

Vehicle 1: Route=[0, 1, 76, 58, 9, 10, 74, 71, 46, 39, 51, 45, 19, 24, 65, 0], Distance=265.69, RemCap=270.0

Vehicle 2: Route=[0, 66, 60, 6, 32, 57, 26, 18, 42, 52, 69, 0], Distance=254.22, RemCap=273.0

Vehicle 3: Route=[0, 7, 72, 80, 17, 70, 44, 34, 5, 63, 0], Distance=200.80, RemCap=337.0

Vehicle 4: Route=[0, 79, 37, 56, 14, 12, 78, 0], Distance=186.37, RemCap=410.0

Vehicle 5: Route=[0, 75, 59, 40, 61, 0], Distance=138.98, RemCap=466.0

Vehicle 6: Route=[0, 30, 38, 77, 13, 41, 73, 0], Distance=211.02, RemCap=385.0

Vehicle 7: Route=[0, 64, 67, 68, 0], Distance=124.03, RemCap=410.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31772.25

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Ep 32/50 | Reward 5463.80 | Loss 940437127.79 | Dist 1625.87 | Vehl 8

Vehicle 0: Route=[0, 6, 37, 4, 3, 35, 34, 28, 27, 29, 49, 70, 26, 21, 18, 22, 24, 50, 39, 13, 40, 16, 17, 53, 43, 7, 11, 58, 62, 0], Distance=328.55, RemCap=12.0

Vehicle 1: Route=[0, 55, 36, 76, 60, 66, 59, 69, 14, 51, 45, 23, 30, 64, 0], Distance=286.07, RemCap=251.0

Vehicle 2: Route=[0, 52, 71, 47, 72, 9, 48, 1, 57, 20, 73, 0], Distance=220.50, RemCap=357.0

Vehicle 3: Route=[0, 65, 25, 56, 32, 31, 33, 79, 2, 63, 0], Distance=196.74, RemCap=299.0

Vehicle 4: Route=[0, 44, 54, 78, 67, 38, 8, 75, 0], Distance=138.02, RemCap=388.0

Vehicle 5: Route=[0, 68, 10, 15, 12, 41, 61, 0], Distance=146.56, RemCap=377.0

Vehicle 6: Route=[0, 19, 46, 80, 74, 0], Distance=154.60, RemCap=429.0

Vehicle 7: Route=[0, 5, 42, 77, 0], Distance=154.84, RemCap=454.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29369.32

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Ep 33/50 | Reward 5616.10 | Loss 1003480392.93 | Dist 1629.01 | Vehl 8

Vehicle 0: Route=[0, 80, 77, 15, 39, 16, 45, 50, 41, 18, 19, 21, 56, 57, 27, 28, 35, 33, 49, 54, 2, 3, 36, 37, 5, 58, 9, 11, 10, 67, 0], Distance=343.19, RemCap=23.0

Vehicle 1: Route=[0, 73, 44, 29, 31, 32, 48, 60, 7, 74, 75, 79, 0], Distance=182.77, RemCap=291.0

Vehicle 2: Route=[0, 61, 23, 20, 25, 42, 51, 12, 59, 43, 63, 62, 0], Distance=262.43, RemCap=312.0

Vehicle 3: Route=[0, 4, 1, 22, 24, 65, 53, 71, 78, 38, 8, 68, 0], Distance=265.08, RemCap=288.0

Vehicle 4: Route=[0, 40, 69, 46, 47, 6, 30, 64, 0], Distance=189.98, RemCap=358.0

Vehicle 5: Route=[0, 66, 52, 26, 13, 17, 72, 0], Distance=170.77, RemCap=367.0

Vehicle 6: Route=[0, 70, 34, 76, 0], Distance=123.83, RemCap=461.0

Vehicle 7: Route=[0, 14, 55, 0], Distance=90.96, RemCap=467.0

Total vehicle waiting time = 118.44

Total customer waiting time = 29645.50

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Ep 34/50 | Reward 5653.82 | Loss 973979909.90 | Dist 1680.92 | Vehl 8

Vehicle 0: Route=[0, 44, 56, 26, 22, 20, 18, 19, 29, 28, 31, 30, 35, 49, 54, 55, 2, 37, 58, 11, 9, 52, 51, 42, 12, 14, 17, 59, 47, 72, 0], Distance=373.92, RemCap=5.0

Vehicle 1: Route=[0, 45, 61, 23, 21, 50, 13, 40, 66, 1, 36, 67, 74, 0], Distance=236.49, RemCap=295.0

Vehicle 2: Route=[0, 32, 34, 5, 75, 8, 43, 78, 16, 24, 25, 65, 0], Distance=261.68, RemCap=301.0

Vehicle 3: Route=[0, 62, 60, 38, 46, 69, 41, 57, 64, 0], Distance=206.68, RemCap=312.0

Vehicle 4: Route=[0, 4, 76, 6, 68, 7, 53, 15, 39, 73, 0], Distance=175.46, RemCap=326.0

Vehicle 5: Route=[0, 48, 3, 79, 0], Distance=77.73, RemCap=457.0

Vehicle 6: Route=[0, 10, 80, 70, 33, 63, 0], Distance=190.68, RemCap=413.0

Vehicle 7: Route=[0, 27, 77, 71, 0], Distance=158.27, RemCap=458.0

Total vehicle waiting time = 94.04

Total customer waiting time = 28124.84

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Ep 35/50 | Reward 5737.86 | Loss 1054299681.57 | Dist 1790.21 | Vehl 8

Vehicle 0: Route=[0, 51, 46, 43, 7, 8, 10, 38, 9, 6, 36, 4, 3, 1, 49, 32, 31, 27, 57, 56, 19, 24, 25, 41, 50, 42, 13, 39, 15, 59, 77, 0], Distance=371.46, RemCap=8.0

Vehicle 1: Route=[0, 45, 23, 29, 55, 2, 76, 48, 68, 74, 16, 40, 65, 0], Distance=259.29, RemCap=230.0

Vehicle 2: Route=[0, 71, 78, 53, 22, 26, 35, 63, 5, 60, 62, 0], Distance=255.81, RemCap=282.0

Vehicle 3: Route=[0, 28, 34, 37, 11, 47, 14, 61, 0], Distance=207.21, RemCap=378.0

Vehicle 4: Route=[0, 30, 33, 54, 52, 73, 21, 69, 75, 0], Distance=227.76, RemCap=380.0

Vehicle 5: Route=[0, 17, 20, 44, 79, 58, 72, 67, 0], Distance=218.37, RemCap=413.0

Vehicle 6: Route=[0, 64, 18, 12, 70, 0], Distance=184.39, RemCap=411.0

Vehicle 7: Route=[0, 80, 66, 0], Distance=65.93, RemCap=465.0

Total vehicle waiting time = 0.00

Total customer waiting time = 29293.88

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Ep 36/50 | Reward 6321.36 | Loss 1252879641.80 | Dist 1733.19 | Vehl 8

Vehicle 0: Route=[0, 49, 55, 3, 4, 36, 37, 2, 5, 58, 60, 9, 8, 7, 51, 17, 16, 42, 50, 24, 23, 26, 41, 56, 28, 31, 35, 0], Distance=281.46, RemCap=0.0

Vehicle 1: Route=[0, 29, 70, 21, 18, 20, 12, 13, 46, 43, 78, 47, 67, 79, 0], Distance=255.86, RemCap=270.0

Vehicle 2: Route=[0, 54, 76, 32, 57, 19, 25, 39, 15, 40, 74, 72, 77, 0], Distance=285.25, RemCap=344.0

Vehicle 3: Route=[0, 62, 38, 53, 45, 73, 44, 34, 27, 30, 64, 0], Distance=196.61, RemCap=311.0

Vehicle 4: Route=[0, 61, 33, 66, 48, 59, 69, 0], Distance=219.97, RemCap=397.0

Vehicle 5: Route=[0, 6, 10, 52, 65, 80, 0], Distance=185.68, RemCap=405.0

Vehicle 6: Route=[0, 14, 22, 63, 75, 11, 68, 0], Distance=217.85, RemCap=375.0

Vehicle 7: Route=[0, 1, 71, 0], Distance=90.51, RemCap=465.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27913.94

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Ep 37/50 | Reward 5472.38 | Loss 901436556.93 | Dist 1758.47 | Vehl 8

Vehicle 0: Route=[0, 48, 9, 10, 11, 38, 58, 4, 63, 2, 54, 49, 34, 31, 28, 29, 44, 21, 20, 50, 42, 51, 53, 52, 16, 14, 40, 17, 80, 72, 0], Distance=362.35, RemCap=0.0

Vehicle 1: Route=[0, 8, 68, 43, 77, 22, 41, 70, 30, 35, 55, 36, 37, 62, 0], Distance=272.94, RemCap=288.0

Vehicle 2: Route=[0, 5, 76, 33, 64, 27, 56, 24, 59, 69, 0], Distance=266.95, RemCap=340.0

Vehicle 3: Route=[0, 18, 12, 15, 78, 47, 71, 60, 66, 0], Distance=198.46, RemCap=332.0

Vehicle 4: Route=[0, 6, 1, 32, 57, 26, 25, 0], Distance=161.53, RemCap=392.0

Vehicle 5: Route=[0, 23, 39, 46, 75, 67, 0], Distance=179.45, RemCap=422.0

Vehicle 6: Route=[0, 79, 7, 74, 13, 19, 65, 0], Distance=192.88, RemCap=343.0

Vehicle 7: Route=[0, 3, 45, 61, 73, 0], Distance=123.90, RemCap=450.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27962.62

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Ep 38/50 | Reward 5628.27 | Loss 958055272.78 | Dist 1642.90 | Vehl 8

Vehicle 0: Route=[0, 54, 2, 5, 37, 3, 34, 31, 28, 29, 56, 23, 19, 20, 22, 24, 45, 14, 16, 40, 39, 15, 59, 10, 38, 60, 48, 8, 72, 0], Distance=337.53, RemCap=6.0

Vehicle 1: Route=[0, 33, 27, 44, 70, 25, 51, 78, 11, 58, 63, 62, 0], Distance=279.01, RemCap=303.0

Vehicle 2: Route=[0, 55, 35, 32, 57, 18, 41, 61, 43, 46, 77, 69, 0], Distance=225.75, RemCap=313.0

Vehicle 3: Route=[0, 53, 26, 50, 17, 47, 71, 76, 36, 79, 0], Distance=208.28, RemCap=368.0

Vehicle 4: Route=[0, 30, 66, 68, 13, 12, 42, 73, 0], Distance=173.23, RemCap=326.0

Vehicle 5: Route=[0, 49, 64, 1, 4, 52, 74, 67, 0], Distance=168.73, RemCap=365.0

Vehicle 6: Route=[0, 21, 65, 7, 9, 80, 0], Distance=182.99, RemCap=411.0

Vehicle 7: Route=[0, 6, 75, 0], Distance=67.38, RemCap=475.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28566.24

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Ep 39/50 | Reward 6012.46 | Loss 1129858279.68 | Dist 1723.75 | Vehl 8

Vehicle 0: Route=[0, 54, 36, 37, 6, 58, 60, 9, 10, 8, 52, 51, 16, 13, 12, 42, 41, 18, 21, 23, 26, 56, 27, 30, 35, 33, 44, 0], Distance=300.66, RemCap=5.0

Vehicle 1: Route=[0, 79, 48, 5, 2, 4, 3, 31, 20, 22, 45, 17, 69, 80, 68, 72, 0], Distance=273.82, RemCap=220.0

Vehicle 2: Route=[0, 34, 64, 32, 53, 14, 46, 47, 67, 11, 75, 62, 0], Distance=218.16, RemCap=287.0

Vehicle 3: Route=[0, 1, 57, 70, 61, 19, 25, 39, 15, 71, 43, 78, 0], Distance=260.35, RemCap=372.0

Vehicle 4: Route=[0, 76, 7, 50, 59, 77, 0], Distance=223.19, RemCap=431.0

Vehicle 5: Route=[0, 40, 49, 29, 28, 63, 0], Distance=168.10, RemCap=391.0

Vehicle 6: Route=[0, 38, 55, 24, 73, 0], Distance=167.64, RemCap=439.0

Vehicle 7: Route=[0, 66, 74, 65, 0], Distance=111.85, RemCap=422.0

Total vehicle waiting time = 0.00

Total customer waiting time = 28599.61

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Ep 40/50 | Reward 6143.87 | Loss 1204424976.36 | Dist 1732.59 | Vehl 8

Vehicle 0: Route=[0, 53, 51, 42, 50, 25, 24, 20, 23, 56, 57, 32, 30, 28, 33, 3, 2, 5, 60, 9, 38, 10, 46, 15, 13, 40, 14, 52, 55, 49, 54, 0], Distance=329.89, RemCap=1.0

Vehicle 1: Route=[0, 34, 79, 48, 11, 67, 74, 43, 59, 39, 12, 21, 73, 0], Distance=272.31, RemCap=310.0

Vehicle 2: Route=[0, 61, 41, 26, 29, 31, 35, 44, 66, 6, 7, 68, 0], Distance=215.08, RemCap=254.0

Vehicle 3: Route=[0, 18, 65, 16, 17, 47, 72, 8, 58, 75, 0], Distance=192.95, RemCap=330.0

Vehicle 4: Route=[0, 70, 22, 19, 36, 62, 78, 0], Distance=229.09, RemCap=401.0

Vehicle 5: Route=[0, 27, 1, 63, 76, 69, 0], Distance=184.81, RemCap=380.0

Vehicle 6: Route=[0, 37, 64, 45, 80, 0], Distance=164.48, RemCap=433.0

Vehicle 7: Route=[0, 4, 71, 77, 0], Distance=143.99, RemCap=458.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27711.33

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Ep 41/50 | Reward 6080.25 | Loss 1184083206.43 | Dist 1775.87 | Vehl 8

Vehicle 0: Route=[0, 54, 52, 53, 45, 51, 40, 39, 16, 43, 7, 10, 8, 60, 5, 37, 36, 3, 1, 34, 35, 33, 30, 27, 57, 44, 56, 21, 26, 41, 0], Distance=308.01, RemCap=3.0

Vehicle 1: Route=[0, 61, 19, 20, 25, 12, 69, 78, 58, 48, 6, 49, 75, 0], Distance=257.65, RemCap=331.0

Vehicle 2: Route=[0, 4, 32, 28, 23, 73, 14, 15, 59, 74, 72, 0], Distance=264.69, RemCap=316.0

Vehicle 3: Route=[0, 31, 22, 65, 42, 46, 47, 67, 66, 71, 0], Distance=235.02, RemCap=306.0

Vehicle 4: Route=[0, 63, 18, 24, 13, 68, 0], Distance=218.59, RemCap=340.0

Vehicle 5: Route=[0, 70, 50, 80, 38, 11, 2, 64, 0], Distance=199.87, RemCap=387.0

Vehicle 6: Route=[0, 17, 77, 9, 55, 62, 0], Distance=171.56, RemCap=420.0

Vehicle 7: Route=[0, 79, 29, 76, 0], Distance=120.48, RemCap=464.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25508.20

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Ep 42/50 | Reward 6227.33 | Loss 1276063357.78 | Dist 1709.54 | Vehl 8

Vehicle 0: Route=[0, 44, 54, 8, 9, 38, 60, 58, 6, 5, 2, 37, 36, 1, 34, 28, 29, 35, 33, 32, 57, 20, 24, 25, 50, 51, 16, 14, 40, 13, 17, 0], Distance=309.27, RemCap=0.0

Vehicle 1: Route=[0, 52, 45, 73, 26, 23, 56, 30, 55, 63, 62, 48, 47, 71, 0], Distance=235.81, RemCap=229.0

Vehicle 2: Route=[0, 66, 4, 11, 72, 43, 53, 42, 41, 22, 18, 64, 0], Distance=252.96, RemCap=285.0

Vehicle 3: Route=[0, 49, 21, 65, 77, 78, 10, 7, 79, 0], Distance=201.98, RemCap=357.0

Vehicle 4: Route=[0, 31, 27, 46, 15, 80, 68, 75, 0], Distance=186.76, RemCap=364.0

Vehicle 5: Route=[0, 70, 61, 19, 12, 59, 3, 74, 0], Distance=272.74, RemCap=402.0

Vehicle 6: Route=[0, 39, 67, 0], Distance=114.57, RemCap=470.0

Vehicle 7: Route=[0, 76, 69, 0], Distance=135.45, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27501.72

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Ep 43/50 | Reward 5927.50 | Loss 1121805666.12 | Dist 1773.28 | Vehl 8

Vehicle 0: Route=[0, 7, 10, 11, 38, 8, 60, 58, 76, 4, 1, 2, 49, 32, 30, 28, 27, 29, 44, 26, 23, 21, 22, 25, 39, 15, 40, 14, 46, 73, 0], Distance=323.18, RemCap=2.0

Vehicle 1: Route=[0, 53, 51, 70, 41, 50, 12, 16, 47, 79, 36, 9, 67, 68, 0], Distance=243.26, RemCap=247.0

Vehicle 2: Route=[0, 52, 13, 59, 80, 71, 48, 3, 33, 56, 19, 64, 0], Distance=299.44, RemCap=304.0

Vehicle 3: Route=[0, 17, 18, 24, 61, 54, 5, 6, 63, 0], Distance=193.89, RemCap=346.0

Vehicle 4: Route=[0, 66, 37, 34, 20, 65, 43, 78, 0], Distance=241.10, RemCap=379.0

Vehicle 5: Route=[0, 42, 57, 35, 75, 0], Distance=137.88, RemCap=458.0

Vehicle 6: Route=[0, 55, 72, 74, 45, 69, 0], Distance=156.12, RemCap=398.0

Vehicle 7: Route=[0, 31, 62, 77, 0], Distance=178.41, RemCap=433.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25385.78

--------------------------------------------------

Ep 44/50 | Reward 5485.10 | Loss 951218049.02 | Dist 1718.19 | Vehl 8

Vehicle 0: Route=[0, 49, 44, 61, 25, 22, 23, 57, 32, 30, 29, 31, 34, 35, 55, 2, 36, 1, 3, 4, 76, 6, 10, 7, 17, 16, 14, 13, 39, 73, 0], Distance=321.03, RemCap=3.0

Vehicle 1: Route=[0, 45, 80, 74, 8, 48, 63, 33, 19, 18, 20, 50, 65, 0], Distance=251.12, RemCap=269.0

Vehicle 2: Route=[0, 54, 5, 9, 38, 11, 67, 78, 40, 24, 52, 66, 0], Distance=218.97, RemCap=316.0

Vehicle 3: Route=[0, 56, 41, 51, 15, 69, 46, 71, 47, 60, 72, 0], Distance=209.36, RemCap=305.0

Vehicle 4: Route=[0, 53, 12, 79, 37, 58, 62, 0], Distance=165.24, RemCap=403.0

Vehicle 5: Route=[0, 59, 75, 28, 21, 70, 0], Distance=224.65, RemCap=420.0

Vehicle 6: Route=[0, 64, 26, 42, 43, 68, 0], Distance=171.79, RemCap=378.0

Vehicle 7: Route=[0, 27, 77, 0], Distance=156.04, RemCap=473.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27329.81

--------------------------------------------------

Ep 45/50 | Reward 5817.18 | Loss 1078665037.48 | Dist 1801.54 | Vehl 8

Vehicle 0: Route=[0, 54, 2, 6, 1, 34, 31, 29, 30, 32, 57, 56, 21, 19, 22, 25, 41, 52, 8, 9, 11, 10, 7, 43, 14, 40, 15, 39, 12, 50, 65, 0], Distance=346.97, RemCap=1.0

Vehicle 1: Route=[0, 33, 35, 64, 26, 20, 73, 59, 60, 62, 3, 48, 75, 0], Distance=281.66, RemCap=287.0

Vehicle 2: Route=[0, 49, 44, 70, 53, 51, 17, 74, 67, 36, 79, 0], Distance=185.93, RemCap=357.0

Vehicle 3: Route=[0, 18, 13, 47, 37, 76, 38, 72, 0], Distance=248.40, RemCap=371.0

Vehicle 4: Route=[0, 55, 58, 45, 23, 16, 69, 80, 78, 0], Distance=241.63, RemCap=335.0

Vehicle 5: Route=[0, 61, 24, 28, 4, 68, 46, 77, 0], Distance=251.85, RemCap=357.0

Vehicle 6: Route=[0, 5, 42, 71, 0], Distance=127.30, RemCap=446.0

Vehicle 7: Route=[0, 66, 27, 63, 0], Distance=117.81, RemCap=413.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27735.47

--------------------------------------------------

Ep 46/50 | Reward 5319.17 | Loss 836046472.78 | Dist 1805.68 | Vehl 8

Vehicle 0: Route=[0, 44, 29, 27, 28, 35, 49, 54, 55, 5, 6, 38, 10, 47, 43, 16, 13, 12, 51, 41, 26, 23, 19, 20, 22, 42, 0], Distance=316.79, RemCap=3.0

Vehicle 1: Route=[0, 37, 63, 30, 21, 39, 69, 14, 53, 71, 7, 9, 11, 78, 0], Distance=296.58, RemCap=269.0

Vehicle 2: Route=[0, 76, 67, 45, 65, 50, 24, 57, 34, 31, 64, 0], Distance=249.68, RemCap=316.0

Vehicle 3: Route=[0, 56, 40, 74, 8, 58, 36, 3, 66, 75, 0], Distance=197.86, RemCap=379.0

Vehicle 4: Route=[0, 79, 1, 4, 48, 72, 59, 17, 18, 80, 0], Distance=276.83, RemCap=353.0

Vehicle 5: Route=[0, 33, 32, 52, 68, 0], Distance=118.15, RemCap=414.0

Vehicle 6: Route=[0, 2, 60, 46, 77, 25, 70, 0], Distance=194.68, RemCap=394.0

Vehicle 7: Route=[0, 62, 15, 61, 73, 0], Distance=155.11, RemCap=439.0

Total vehicle waiting time = 0.00

Total customer waiting time = 27956.14

--------------------------------------------------

Ep 47/50 | Reward 6084.44 | Loss 1223475863.92 | Dist 1592.80 | Vehl 8

Vehicle 0: Route=[0, 54, 57, 32, 64, 29, 28, 34, 33, 36, 37, 48, 60, 58, 38, 9, 43, 17, 16, 53, 45, 19, 22, 25, 50, 13, 12, 15, 59, 47, 80, 0], Distance=377.98, RemCap=5.0

Vehicle 1: Route=[0, 5, 6, 63, 27, 56, 41, 24, 20, 18, 65, 71, 78, 0], Distance=267.16, RemCap=240.0

Vehicle 2: Route=[0, 46, 69, 39, 51, 49, 2, 4, 62, 11, 7, 68, 0], Distance=200.35, RemCap=241.0

Vehicle 3: Route=[0, 1, 35, 44, 23, 26, 73, 0], Distance=158.57, RemCap=386.0

Vehicle 4: Route=[0, 79, 8, 10, 72, 14, 40, 77, 0], Distance=144.45, RemCap=407.0

Vehicle 5: Route=[0, 52, 55, 30, 3, 76, 66, 0], Distance=129.91, RemCap=404.0

Vehicle 6: Route=[0, 31, 42, 75, 67, 0], Distance=176.24, RemCap=426.0

Vehicle 7: Route=[0, 70, 21, 61, 74, 0], Distance=138.14, RemCap=458.0

Total vehicle waiting time = 0.00

Total customer waiting time = 24864.83

--------------------------------------------------

Ep 48/50 | Reward 5382.73 | Loss 877696816.54 | Dist 1766.31 | Vehl 8

Vehicle 0: Route=[0, 54, 49, 2, 5, 6, 37, 4, 3, 35, 33, 30, 23, 18, 20, 22, 25, 42, 16, 40, 39, 15, 69, 47, 10, 11, 38, 8, 52, 73, 0], Distance=319.97, RemCap=8.0

Vehicle 1: Route=[0, 14, 17, 78, 67, 60, 48, 79, 32, 29, 57, 56, 24, 70, 0], Distance=240.80, RemCap=309.0

Vehicle 2: Route=[0, 75, 74, 43, 13, 65, 51, 41, 44, 31, 1, 76, 0], Distance=241.71, RemCap=278.0

Vehicle 3: Route=[0, 34, 45, 50, 12, 46, 66, 68, 0], Distance=205.21, RemCap=345.0

Vehicle 4: Route=[0, 62, 59, 61, 21, 27, 28, 64, 0], Distance=244.69, RemCap=351.0

Vehicle 5: Route=[0, 19, 53, 71, 7, 72, 9, 63, 0], Distance=195.12, RemCap=359.0

Vehicle 6: Route=[0, 26, 58, 80, 0], Distance=178.36, RemCap=457.0

Vehicle 7: Route=[0, 55, 36, 77, 0], Distance=140.44, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 30181.78

--------------------------------------------------

Ep 49/50 | Reward 5954.24 | Loss 1116579370.63 | Dist 1645.10 | Vehl 8

Vehicle 0: Route=[0, 52, 46, 17, 16, 14, 40, 13, 39, 12, 42, 25, 22, 41, 56, 44, 30, 29, 27, 31, 54, 2, 37, 58, 60, 38, 59, 47, 9, 0], Distance=350.30, RemCap=4.0

Vehicle 1: Route=[0, 51, 77, 15, 65, 23, 70, 34, 55, 3, 6, 79, 68, 0], Distance=284.85, RemCap=277.0

Vehicle 2: Route=[0, 61, 24, 26, 32, 33, 49, 48, 7, 80, 69, 78, 0], Distance=247.29, RemCap=313.0

Vehicle 3: Route=[0, 64, 28, 1, 67, 43, 45, 71, 0], Distance=190.55, RemCap=353.0

Vehicle 4: Route=[0, 73, 50, 20, 5, 76, 8, 11, 10, 72, 0], Distance=211.78, RemCap=366.0

Vehicle 5: Route=[0, 57, 35, 36, 63, 74, 75, 0], Distance=139.48, RemCap=407.0

Vehicle 6: Route=[0, 21, 19, 18, 66, 0], Distance=115.91, RemCap=413.0

Vehicle 7: Route=[0, 53, 4, 62, 0], Distance=104.94, RemCap=434.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25398.66

--------------------------------------------------

Ep 50/50 | Reward 6013.07 | Loss 1140918782.32 | Dist 1658.00 | Vehl 8

Vehicle 0: Route=[0, 54, 44, 52, 51, 45, 25, 24, 22, 18, 23, 29, 27, 28, 31, 30, 32, 33, 1, 37, 2, 58, 38, 11, 10, 9, 8, 43, 46, 80, 0], Distance=326.25, RemCap=12.0

Vehicle 1: Route=[0, 79, 35, 6, 47, 17, 50, 20, 65, 40, 13, 69, 0], Distance=280.11, RemCap=298.0

Vehicle 2: Route=[0, 56, 34, 63, 5, 67, 72, 7, 39, 53, 66, 0], Distance=213.28, RemCap=293.0

Vehicle 3: Route=[0, 60, 76, 36, 3, 55, 49, 73, 12, 15, 77, 0], Distance=195.23, RemCap=356.0

Vehicle 4: Route=[0, 71, 74, 16, 41, 26, 57, 64, 0], Distance=177.29, RemCap=327.0

Vehicle 5: Route=[0, 61, 19, 14, 78, 59, 4, 75, 0], Distance=242.36, RemCap=406.0

Vehicle 6: Route=[0, 42, 48, 62, 68, 0], Distance=136.46, RemCap=394.0

Vehicle 7: Route=[0, 21, 70, 0], Distance=87.02, RemCap=481.0

Total vehicle waiting time = 0.00

Total customer waiting time = 25639.15

--------------------------------------------------

Saved results to F:/KLTN/code/output80\h80d20\_results.docx

=== Processing h80d40.csv ===

--- Training with max\_vehicles = 5 ---

Ep 1/50 | Reward 6207.44 | Loss 1352877750.28 | Dist 1357.76 | Vehl 5

Vehicle 0: Route=[0, 33, 13, 10, 28, 9, 30, 37, 19, 18, 15, 14, 17, 32, 36, 21, 20, 24, 1, 4, 26, 2, 5, 6, 7, 27, 34, 31, 35, 0], Distance=345.47, RemCap=8.0

Vehicle 1: Route=[0, 69, 58, 8, 78, 74, 63, 25, 3, 46, 41, 22, 79, 65, 29, 45, 61, 12, 59, 0], Distance=277.44, RemCap=129.0

Vehicle 2: Route=[0, 23, 76, 39, 51, 42, 52, 11, 64, 71, 47, 44, 72, 0], Distance=276.10, RemCap=325.0

Vehicle 3: Route=[0, 50, 70, 40, 16, 48, 68, 75, 56, 77, 62, 57, 66, 0], Distance=253.65, RemCap=293.0

Vehicle 4: Route=[0, 43, 67, 49, 80, 55, 38, 73, 53, 60, 54, 0], Distance=205.11, RemCap=306.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39746.12

--------------------------------------------------

Ep 2/50 | Reward 6104.95 | Loss 1274312665.57 | Dist 1259.50 | Vehl 5

Vehicle 0: Route=[0, 67, 1, 3, 25, 26, 2, 5, 35, 8, 34, 13, 10, 28, 9, 11, 30, 37, 48, 16, 17, 19, 29, 39, 40, 36, 22, 24, 23, 21, 43, 0], Distance=309.76, RemCap=5.0

Vehicle 1: Route=[0, 57, 31, 27, 75, 52, 45, 15, 14, 51, 42, 70, 20, 80, 47, 63, 0], Distance=306.52, RemCap=232.0

Vehicle 2: Route=[0, 79, 76, 60, 38, 33, 12, 59, 73, 69, 78, 7, 6, 77, 0], Distance=184.15, RemCap=281.0

Vehicle 3: Route=[0, 50, 4, 72, 44, 74, 71, 55, 62, 68, 18, 65, 54, 0], Distance=255.33, RemCap=284.0

Vehicle 4: Route=[0, 53, 61, 66, 32, 41, 46, 49, 56, 64, 58, 0], Distance=203.74, RemCap=259.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38758.43

--------------------------------------------------

Ep 3/50 | Reward 5795.36 | Loss 1144986572.84 | Dist 1457.97 | Vehl 5

Vehicle 0: Route=[0, 39, 16, 17, 29, 37, 9, 28, 10, 75, 8, 27, 7, 74, 2, 26, 4, 3, 1, 23, 22, 40, 32, 36, 35, 77, 38, 33, 30, 42, 0], Distance=402.27, RemCap=2.0

Vehicle 1: Route=[0, 65, 79, 71, 64, 31, 13, 73, 12, 68, 11, 53, 45, 19, 50, 67, 0], Distance=264.98, RemCap=291.0

Vehicle 2: Route=[0, 54, 52, 48, 15, 41, 24, 49, 63, 44, 62, 34, 6, 56, 0], Distance=276.82, RemCap=246.0

Vehicle 3: Route=[0, 80, 47, 72, 5, 78, 55, 66, 18, 43, 46, 21, 70, 0], Distance=247.22, RemCap=280.0

Vehicle 4: Route=[0, 57, 61, 59, 14, 51, 60, 76, 20, 25, 69, 58, 0], Distance=266.69, RemCap=242.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42501.39

--------------------------------------------------

Ep 4/50 | Reward 6195.63 | Loss 1357225633.40 | Dist 1287.92 | Vehl 5

Vehicle 0: Route=[0, 32, 36, 24, 23, 70, 21, 40, 29, 19, 17, 16, 14, 15, 18, 37, 30, 11, 9, 10, 13, 31, 6, 7, 35, 5, 26, 25, 1, 2, 63, 0], Distance=299.92, RemCap=2.0

Vehicle 1: Route=[0, 72, 22, 43, 39, 42, 52, 61, 12, 73, 64, 69, 38, 53, 54, 0], Distance=252.83, RemCap=273.0

Vehicle 2: Route=[0, 57, 55, 79, 49, 3, 20, 51, 48, 45, 59, 33, 34, 8, 74, 0], Distance=298.80, RemCap=187.0

Vehicle 3: Route=[0, 65, 68, 62, 47, 80, 67, 41, 4, 44, 27, 78, 0], Distance=221.67, RemCap=314.0

Vehicle 4: Route=[0, 46, 50, 76, 60, 66, 28, 75, 56, 71, 77, 58, 0], Distance=214.70, RemCap=285.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40497.88

--------------------------------------------------

Ep 5/50 | Reward 5323.19 | Loss 968223946.92 | Dist 1395.56 | Vehl 5

Vehicle 0: Route=[0, 65, 32, 39, 40, 20, 1, 3, 26, 63, 5, 44, 27, 8, 7, 6, 77, 34, 31, 38, 33, 13, 59, 11, 30, 37, 19, 17, 15, 45, 0], Distance=331.10, RemCap=3.0

Vehicle 1: Route=[0, 60, 29, 66, 9, 12, 61, 62, 69, 25, 80, 79, 36, 43, 24, 21, 41, 0], Distance=248.78, RemCap=232.0

Vehicle 2: Route=[0, 55, 74, 2, 4, 23, 76, 16, 42, 54, 57, 28, 73, 56, 58, 0], Distance=292.44, RemCap=248.0

Vehicle 3: Route=[0, 53, 48, 14, 52, 10, 68, 78, 35, 47, 72, 22, 46, 70, 0], Distance=279.98, RemCap=236.0

Vehicle 4: Route=[0, 71, 64, 75, 18, 51, 50, 67, 49, 0], Distance=243.26, RemCap=342.0

Total vehicle waiting time = 0.00

Total customer waiting time = 48067.94

--------------------------------------------------

Ep 6/50 | Reward 6068.17 | Loss 1295323422.98 | Dist 1306.80 | Vehl 5

Vehicle 0: Route=[0, 55, 6, 8, 27, 7, 5, 25, 4, 1, 20, 40, 36, 32, 39, 19, 17, 14, 15, 18, 29, 37, 28, 12, 75, 33, 13, 11, 30, 66, 0], Distance=352.63, RemCap=0.0

Vehicle 1: Route=[0, 58, 64, 31, 73, 9, 53, 54, 42, 45, 48, 16, 70, 43, 3, 2, 63, 0], Distance=284.97, RemCap=251.0

Vehicle 2: Route=[0, 57, 68, 62, 56, 74, 35, 44, 26, 67, 22, 41, 21, 51, 60, 0], Distance=259.21, RemCap=273.0

Vehicle 3: Route=[0, 47, 78, 72, 49, 24, 50, 76, 10, 59, 38, 65, 0], Distance=223.13, RemCap=269.0

Vehicle 4: Route=[0, 79, 46, 23, 80, 71, 77, 69, 34, 61, 52, 0], Distance=186.86, RemCap=268.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40571.12

--------------------------------------------------

Ep 7/50 | Reward 5437.96 | Loss 966881702.17 | Dist 1316.74 | Vehl 5

Vehicle 0: Route=[0, 38, 13, 11, 9, 28, 12, 59, 73, 33, 31, 8, 27, 7, 6, 35, 5, 63, 26, 25, 3, 1, 2, 46, 21, 43, 17, 14, 15, 19, 76, 0], Distance=312.77, RemCap=11.0

Vehicle 1: Route=[0, 53, 48, 37, 68, 10, 75, 34, 62, 77, 71, 80, 4, 36, 39, 70, 0], Distance=313.15, RemCap=249.0

Vehicle 2: Route=[0, 65, 29, 18, 45, 52, 61, 78, 74, 67, 23, 50, 41, 0], Distance=225.65, RemCap=236.0

Vehicle 3: Route=[0, 79, 55, 58, 64, 30, 42, 32, 40, 20, 22, 72, 44, 0], Distance=237.63, RemCap=266.0

Vehicle 4: Route=[0, 57, 54, 66, 60, 16, 51, 24, 49, 56, 69, 47, 0], Distance=227.55, RemCap=299.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42967.86

--------------------------------------------------

Ep 8/50 | Reward 5846.62 | Loss 1191042001.16 | Dist 1317.33 | Vehl 5

Vehicle 0: Route=[0, 36, 21, 20, 23, 24, 1, 3, 4, 26, 2, 5, 35, 8, 38, 11, 10, 9, 30, 37, 18, 14, 17, 19, 29, 39, 32, 42, 0], Distance=330.97, RemCap=0.0

Vehicle 1: Route=[0, 40, 41, 49, 72, 44, 6, 77, 58, 64, 13, 61, 68, 28, 15, 48, 54, 31, 71, 0], Distance=295.49, RemCap=185.0

Vehicle 2: Route=[0, 79, 22, 46, 43, 16, 45, 12, 75, 34, 56, 78, 55, 80, 0], Distance=234.59, RemCap=267.0

Vehicle 3: Route=[0, 65, 76, 67, 74, 7, 69, 73, 59, 66, 57, 53, 0], Distance=194.12, RemCap=316.0

Vehicle 4: Route=[0, 47, 27, 63, 25, 70, 50, 60, 51, 52, 33, 62, 0], Distance=262.16, RemCap=293.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43925.19

--------------------------------------------------

Ep 9/50 | Reward 5822.29 | Loss 1130360104.11 | Dist 1285.35 | Vehl 5

Vehicle 0: Route=[0, 38, 62, 34, 33, 13, 11, 10, 28, 37, 18, 15, 14, 17, 19, 39, 32, 40, 43, 24, 23, 3, 25, 26, 2, 5, 35, 77, 27, 78, 0], Distance=310.79, RemCap=6.0

Vehicle 1: Route=[0, 65, 45, 30, 9, 68, 61, 71, 74, 80, 1, 67, 36, 22, 50, 21, 46, 0], Distance=264.52, RemCap=208.0

Vehicle 2: Route=[0, 79, 41, 20, 4, 72, 63, 47, 7, 8, 58, 64, 59, 12, 52, 0], Distance=229.95, RemCap=209.0

Vehicle 3: Route=[0, 70, 49, 44, 6, 31, 73, 66, 29, 48, 51, 60, 53, 57, 0], Distance=285.35, RemCap=260.0

Vehicle 4: Route=[0, 76, 16, 42, 54, 55, 56, 69, 75, 0], Distance=194.74, RemCap=378.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41309.97

--------------------------------------------------

Ep 10/50 | Reward 5316.01 | Loss 905031398.65 | Dist 1388.49 | Vehl 5

Vehicle 0: Route=[0, 57, 30, 76, 39, 29, 16, 14, 15, 37, 9, 12, 11, 33, 8, 7, 6, 44, 2, 26, 25, 3, 1, 67, 36, 22, 23, 20, 32, 80, 0], Distance=362.53, RemCap=5.0

Vehicle 1: Route=[0, 38, 55, 47, 63, 5, 35, 58, 75, 59, 13, 52, 51, 70, 24, 40, 65, 0], Distance=282.38, RemCap=179.0

Vehicle 2: Route=[0, 62, 34, 69, 78, 74, 72, 4, 50, 21, 19, 48, 18, 42, 0], Distance=227.33, RemCap=276.0

Vehicle 3: Route=[0, 43, 46, 79, 71, 27, 53, 66, 60, 45, 10, 28, 73, 0], Distance=277.55, RemCap=303.0

Vehicle 4: Route=[0, 49, 41, 17, 54, 68, 61, 31, 77, 64, 56, 0], Distance=238.71, RemCap=298.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45493.06

--------------------------------------------------

Ep 11/50 | Reward 5690.22 | Loss 1119479091.55 | Dist 1332.45 | Vehl 5

Vehicle 0: Route=[0, 47, 2, 1, 3, 25, 26, 6, 27, 8, 64, 34, 31, 13, 11, 68, 10, 28, 30, 37, 18, 17, 19, 29, 39, 76, 32, 36, 40, 20, 23, 41, 0], Distance=325.95, RemCap=4.0

Vehicle 1: Route=[0, 55, 43, 46, 67, 49, 63, 35, 74, 7, 73, 12, 9, 33, 53, 42, 15, 16, 60, 0], Distance=296.70, RemCap=177.0

Vehicle 2: Route=[0, 80, 21, 70, 4, 71, 56, 58, 77, 62, 38, 57, 54, 52, 0], Distance=233.91, RemCap=242.0

Vehicle 3: Route=[0, 61, 59, 66, 51, 22, 72, 5, 44, 0], Distance=224.47, RemCap=322.0

Vehicle 4: Route=[0, 65, 75, 69, 78, 79, 24, 50, 14, 45, 48, 0], Distance=251.43, RemCap=316.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42997.07

--------------------------------------------------

Ep 12/50 | Reward 5411.81 | Loss 950633166.91 | Dist 1290.14 | Vehl 5

Vehicle 0: Route=[0, 36, 22, 24, 21, 32, 76, 65, 42, 29, 19, 17, 16, 14, 15, 18, 30, 11, 13, 33, 38, 77, 64, 8, 7, 6, 35, 44, 5, 26, 1, 3, 72, 0], Distance=325.79, RemCap=1.0

Vehicle 1: Route=[0, 40, 20, 46, 43, 67, 49, 27, 69, 34, 31, 10, 68, 66, 53, 62, 0], Distance=244.54, RemCap=187.0

Vehicle 2: Route=[0, 39, 70, 50, 25, 2, 47, 74, 56, 58, 61, 9, 52, 48, 0], Distance=268.68, RemCap=189.0

Vehicle 3: Route=[0, 54, 60, 37, 59, 75, 78, 71, 4, 23, 41, 79, 0], Distance=236.81, RemCap=320.0

Vehicle 4: Route=[0, 80, 63, 55, 73, 12, 28, 45, 51, 57, 0], Distance=214.32, RemCap=364.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42093.70

--------------------------------------------------

Ep 13/50 | Reward 5722.54 | Loss 1160991100.47 | Dist 1199.25 | Vehl 5

Vehicle 0: Route=[0, 19, 16, 14, 15, 18, 37, 30, 12, 13, 33, 38, 34, 58, 8, 78, 27, 7, 6, 5, 25, 4, 3, 36, 22, 24, 23, 21, 20, 70, 0], Distance=326.98, RemCap=8.0

Vehicle 1: Route=[0, 59, 28, 68, 54, 76, 39, 40, 50, 46, 43, 79, 1, 49, 26, 2, 35, 74, 77, 0], Distance=239.07, RemCap=131.0

Vehicle 2: Route=[0, 65, 55, 69, 31, 61, 10, 52, 66, 42, 29, 41, 67, 0], Distance=199.76, RemCap=242.0

Vehicle 3: Route=[0, 62, 64, 56, 44, 71, 32, 17, 51, 45, 53, 57, 0], Distance=215.66, RemCap=321.0

Vehicle 4: Route=[0, 60, 48, 11, 9, 73, 75, 80, 63, 72, 47, 0], Distance=217.78, RemCap=359.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40900.83

--------------------------------------------------

Ep 14/50 | Reward 5807.49 | Loss 1163485197.33 | Dist 1245.22 | Vehl 5

Vehicle 0: Route=[0, 32, 40, 22, 20, 46, 23, 1, 3, 4, 25, 26, 5, 6, 7, 8, 64, 34, 31, 33, 11, 9, 30, 37, 18, 51, 16, 17, 19, 42, 39, 76, 0], Distance=304.40, RemCap=16.0

Vehicle 1: Route=[0, 36, 43, 24, 67, 80, 55, 71, 53, 13, 61, 10, 14, 48, 29, 60, 54, 0], Distance=228.25, RemCap=185.0

Vehicle 2: Route=[0, 57, 12, 62, 77, 27, 78, 47, 79, 70, 2, 63, 49, 0], Distance=231.76, RemCap=249.0

Vehicle 3: Route=[0, 72, 74, 56, 69, 75, 73, 38, 65, 15, 21, 41, 50, 0], Distance=275.64, RemCap=307.0

Vehicle 4: Route=[0, 35, 44, 58, 59, 28, 68, 66, 45, 52, 0], Distance=205.18, RemCap=304.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40797.32

--------------------------------------------------

Ep 15/50 | Reward 5867.91 | Loss 1195769276.50 | Dist 1229.02 | Vehl 5

Vehicle 0: Route=[0, 38, 33, 10, 12, 28, 52, 18, 48, 15, 14, 16, 19, 20, 23, 24, 36, 2, 3, 4, 26, 5, 35, 7, 27, 8, 34, 31, 69, 0], Distance=326.20, RemCap=2.0

Vehicle 1: Route=[0, 57, 71, 77, 56, 6, 44, 72, 25, 80, 32, 43, 46, 51, 37, 30, 9, 53, 0], Distance=295.53, RemCap=195.0

Vehicle 2: Route=[0, 55, 67, 1, 22, 50, 21, 70, 39, 76, 29, 45, 68, 75, 0], Distance=234.22, RemCap=273.0

Vehicle 3: Route=[0, 65, 54, 66, 11, 61, 13, 59, 73, 74, 49, 63, 0], Distance=166.21, RemCap=266.0

Vehicle 4: Route=[0, 79, 47, 78, 64, 58, 62, 60, 42, 17, 40, 41, 0], Distance=206.86, RemCap=325.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40251.59

--------------------------------------------------

Ep 16/50 | Reward 5874.25 | Loss 1175530114.13 | Dist 1363.11 | Vehl 5

Vehicle 0: Route=[0, 40, 21, 20, 22, 36, 2, 1, 3, 25, 72, 44, 71, 38, 77, 7, 27, 8, 64, 34, 31, 13, 59, 12, 28, 9, 11, 37, 18, 14, 17, 19, 76, 0], Distance=354.46, RemCap=1.0

Vehicle 1: Route=[0, 32, 24, 46, 41, 50, 15, 29, 53, 10, 69, 58, 78, 5, 63, 67, 55, 0], Distance=263.46, RemCap=137.0

Vehicle 2: Route=[0, 57, 6, 49, 4, 23, 43, 39, 66, 61, 52, 48, 51, 0], Distance=269.98, RemCap=231.0

Vehicle 3: Route=[0, 65, 60, 16, 45, 73, 62, 80, 70, 26, 56, 74, 0], Distance=311.10, RemCap=343.0

Vehicle 4: Route=[0, 79, 47, 35, 33, 75, 68, 30, 54, 42, 0], Distance=164.12, RemCap=349.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40771.42

--------------------------------------------------

Ep 17/50 | Reward 5750.69 | Loss 1100675979.98 | Dist 1300.67 | Vehl 5

Vehicle 0: Route=[0, 38, 36, 40, 20, 23, 24, 22, 3, 4, 2, 63, 5, 35, 8, 34, 62, 33, 13, 10, 12, 28, 9, 30, 14, 15, 48, 29, 42, 0], Distance=322.66, RemCap=1.0

Vehicle 1: Route=[0, 76, 60, 18, 66, 11, 68, 31, 69, 58, 78, 7, 47, 49, 25, 43, 70, 0], Distance=262.57, RemCap=238.0

Vehicle 2: Route=[0, 54, 61, 52, 37, 32, 67, 1, 72, 80, 6, 27, 77, 71, 55, 0], Distance=220.72, RemCap=227.0

Vehicle 3: Route=[0, 53, 45, 51, 16, 17, 39, 50, 21, 46, 44, 56, 75, 73, 59, 0], Distance=279.64, RemCap=232.0

Vehicle 4: Route=[0, 65, 57, 19, 41, 79, 26, 74, 64, 0], Distance=215.09, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40971.41

--------------------------------------------------

Ep 18/50 | Reward 5730.20 | Loss 1050210839.05 | Dist 1251.71 | Vehl 5

Vehicle 0: Route=[0, 65, 40, 50, 22, 23, 1, 3, 4, 25, 26, 2, 35, 71, 6, 27, 8, 31, 33, 68, 28, 37, 18, 48, 15, 14, 16, 17, 19, 29, 66, 54, 0], Distance=287.39, RemCap=8.0

Vehicle 1: Route=[0, 38, 55, 44, 7, 56, 77, 69, 75, 59, 13, 11, 10, 52, 32, 20, 70, 42, 0], Distance=281.57, RemCap=127.0

Vehicle 2: Route=[0, 24, 41, 39, 60, 53, 30, 12, 73, 34, 58, 47, 74, 0], Distance=223.73, RemCap=299.0

Vehicle 3: Route=[0, 76, 43, 21, 46, 36, 79, 63, 5, 78, 64, 62, 9, 45, 0], Distance=266.27, RemCap=292.0

Vehicle 4: Route=[0, 51, 61, 57, 80, 72, 49, 67, 0], Distance=192.75, RemCap=335.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43599.76

--------------------------------------------------

Ep 19/50 | Reward 6185.40 | Loss 1346873426.31 | Dist 1295.49 | Vehl 5

Vehicle 0: Route=[0, 32, 39, 40, 21, 22, 23, 1, 3, 4, 25, 26, 2, 6, 7, 8, 38, 62, 31, 33, 13, 10, 28, 9, 30, 37, 29, 19, 14, 15, 45, 0], Distance=315.18, RemCap=0.0

Vehicle 1: Route=[0, 76, 54, 53, 52, 68, 11, 61, 34, 69, 27, 71, 5, 63, 67, 36, 24, 41, 43, 0], Distance=241.95, RemCap=204.0

Vehicle 2: Route=[0, 65, 18, 46, 80, 72, 44, 35, 78, 64, 73, 0], Distance=268.77, RemCap=337.0

Vehicle 3: Route=[0, 58, 56, 74, 47, 79, 50, 20, 70, 16, 17, 66, 59, 0], Distance=242.24, RemCap=205.0

Vehicle 4: Route=[0, 57, 60, 42, 51, 48, 12, 75, 77, 49, 55, 0], Distance=227.34, RemCap=315.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40262.04

--------------------------------------------------

Ep 20/50 | Reward 5273.02 | Loss 900265527.37 | Dist 1250.92 | Vehl 5

Vehicle 0: Route=[0, 80, 2, 5, 4, 3, 1, 36, 22, 24, 23, 21, 40, 32, 60, 42, 16, 14, 15, 18, 52, 28, 10, 11, 13, 53, 62, 75, 34, 8, 27, 6, 71, 0], Distance=347.58, RemCap=2.0

Vehicle 1: Route=[0, 46, 20, 70, 41, 43, 76, 29, 37, 30, 73, 33, 69, 77, 35, 44, 63, 0], Distance=248.19, RemCap=175.0

Vehicle 2: Route=[0, 55, 49, 25, 74, 56, 31, 9, 66, 48, 51, 19, 39, 57, 0], Distance=243.12, RemCap=245.0

Vehicle 3: Route=[0, 38, 59, 68, 17, 50, 67, 26, 72, 7, 78, 64, 58, 0], Distance=251.76, RemCap=271.0

Vehicle 4: Route=[0, 47, 79, 65, 45, 12, 61, 54, 0], Distance=160.27, RemCap=368.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46764.53

--------------------------------------------------

Ep 21/50 | Reward 6074.56 | Loss 1279580308.12 | Dist 1279.23 | Vehl 5

Vehicle 0: Route=[0, 38, 6, 7, 27, 35, 5, 2, 25, 4, 1, 24, 20, 21, 36, 32, 39, 19, 17, 16, 51, 14, 15, 18, 37, 30, 33, 13, 28, 9, 68, 0], Distance=313.19, RemCap=0.0

Vehicle 1: Route=[0, 65, 60, 48, 50, 70, 46, 23, 22, 3, 78, 8, 64, 77, 62, 31, 12, 75, 0], Distance=295.37, RemCap=220.0

Vehicle 2: Route=[0, 57, 54, 66, 29, 40, 43, 55, 80, 26, 72, 74, 56, 10, 61, 0], Distance=243.72, RemCap=199.0

Vehicle 3: Route=[0, 67, 44, 71, 34, 73, 59, 11, 52, 42, 76, 53, 0], Distance=214.55, RemCap=322.0

Vehicle 4: Route=[0, 45, 41, 79, 49, 63, 47, 58, 69, 0], Distance=212.40, RemCap=320.0

Total vehicle waiting time = 23.20

Total customer waiting time = 39764.31

--------------------------------------------------

Ep 22/50 | Reward 5882.65 | Loss 1174260850.32 | Dist 1249.70 | Vehl 5

Vehicle 0: Route=[0, 36, 32, 21, 20, 24, 22, 1, 4, 25, 26, 5, 2, 80, 27, 8, 31, 33, 13, 59, 12, 9, 10, 30, 37, 29, 16, 14, 45, 0], Distance=311.41, RemCap=8.0

Vehicle 1: Route=[0, 42, 51, 48, 18, 66, 57, 38, 34, 64, 6, 78, 44, 23, 41, 43, 0], Distance=257.11, RemCap=258.0

Vehicle 2: Route=[0, 60, 54, 62, 56, 11, 68, 28, 52, 15, 17, 19, 70, 46, 67, 72, 0], Distance=303.14, RemCap=233.0

Vehicle 3: Route=[0, 79, 50, 3, 35, 77, 69, 75, 73, 53, 0], Distance=185.99, RemCap=328.0

Vehicle 4: Route=[0, 61, 65, 76, 39, 40, 49, 63, 74, 7, 58, 71, 47, 55, 0], Distance=192.05, RemCap=234.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39276.74

--------------------------------------------------

Ep 23/50 | Reward 5940.27 | Loss 1171057592.04 | Dist 1340.64 | Vehl 5

Vehicle 0: Route=[0, 33, 13, 68, 10, 12, 28, 15, 14, 16, 17, 19, 29, 39, 32, 36, 21, 20, 22, 1, 3, 4, 25, 72, 2, 35, 27, 64, 34, 31, 71, 0], Distance=329.81, RemCap=4.0

Vehicle 1: Route=[0, 38, 53, 66, 30, 37, 48, 60, 76, 41, 46, 23, 49, 6, 8, 77, 69, 62, 0], Distance=241.89, RemCap=197.0

Vehicle 2: Route=[0, 57, 75, 73, 61, 11, 42, 51, 24, 55, 5, 26, 63, 0], Distance=263.94, RemCap=297.0

Vehicle 3: Route=[0, 54, 59, 18, 40, 50, 43, 79, 47, 74, 7, 58, 78, 0], Distance=243.23, RemCap=246.0

Vehicle 4: Route=[0, 80, 67, 70, 65, 45, 52, 9, 56, 44, 0], Distance=261.78, RemCap=317.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41058.69

--------------------------------------------------

Ep 24/50 | Reward 6012.08 | Loss 1209589974.77 | Dist 1396.65 | Vehl 5

Vehicle 0: Route=[0, 32, 40, 21, 20, 23, 24, 22, 36, 1, 4, 2, 35, 6, 8, 75, 33, 38, 11, 28, 9, 30, 37, 18, 15, 14, 16, 19, 29, 42, 0], Distance=330.96, RemCap=3.0

Vehicle 1: Route=[0, 65, 54, 66, 51, 41, 3, 72, 5, 44, 78, 56, 58, 34, 31, 53, 12, 59, 0], Distance=294.86, RemCap=191.0

Vehicle 2: Route=[0, 79, 43, 70, 25, 63, 7, 55, 57, 17, 68, 61, 69, 0], Distance=292.15, RemCap=266.0

Vehicle 3: Route=[0, 80, 67, 26, 49, 46, 39, 76, 48, 10, 73, 71, 74, 0], Distance=267.26, RemCap=275.0

Vehicle 4: Route=[0, 47, 27, 64, 77, 62, 13, 52, 45, 60, 50, 0], Distance=211.41, RemCap=326.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38773.82

--------------------------------------------------

Ep 25/50 | Reward 5677.66 | Loss 1088826854.52 | Dist 1315.70 | Vehl 5

Vehicle 0: Route=[0, 36, 32, 22, 24, 20, 40, 39, 17, 16, 14, 15, 29, 30, 52, 9, 12, 11, 13, 34, 8, 7, 6, 63, 5, 72, 25, 4, 3, 67, 0], Distance=309.84, RemCap=11.0

Vehicle 1: Route=[0, 57, 66, 42, 18, 37, 28, 59, 61, 38, 62, 78, 74, 2, 23, 21, 76, 80, 55, 0], Distance=295.54, RemCap=183.0

Vehicle 2: Route=[0, 53, 68, 10, 33, 75, 64, 27, 77, 71, 35, 49, 1, 41, 51, 48, 0], Distance=278.39, RemCap=218.0

Vehicle 3: Route=[0, 65, 45, 19, 70, 50, 47, 31, 73, 69, 0], Distance=240.68, RemCap=348.0

Vehicle 4: Route=[0, 54, 60, 43, 46, 79, 26, 44, 58, 56, 0], Distance=191.25, RemCap=301.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42108.50

--------------------------------------------------

Ep 26/50 | Reward 6184.34 | Loss 1312157595.11 | Dist 1371.33 | Vehl 5

Vehicle 0: Route=[0, 38, 55, 71, 31, 11, 10, 28, 34, 27, 7, 6, 35, 5, 26, 4, 3, 36, 22, 24, 23, 46, 21, 40, 39, 29, 19, 17, 14, 15, 18, 37, 42, 0], Distance=345.35, RemCap=3.0

Vehicle 1: Route=[0, 32, 16, 48, 52, 66, 53, 12, 59, 33, 62, 64, 44, 72, 25, 2, 79, 0], Distance=253.28, RemCap=209.0

Vehicle 2: Route=[0, 30, 61, 73, 75, 69, 77, 56, 1, 67, 43, 50, 41, 0], Distance=214.10, RemCap=241.0

Vehicle 3: Route=[0, 65, 76, 57, 68, 13, 58, 80, 49, 70, 51, 0], Distance=275.19, RemCap=312.0

Vehicle 4: Route=[0, 20, 45, 60, 54, 9, 8, 78, 47, 63, 74, 0], Distance=283.41, RemCap=296.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38376.26

--------------------------------------------------

Ep 27/50 | Reward 5391.44 | Loss 967548752.48 | Dist 1396.91 | Vehl 5

Vehicle 0: Route=[0, 55, 38, 11, 9, 28, 31, 34, 58, 7, 6, 35, 47, 2, 26, 25, 4, 3, 23, 24, 22, 41, 17, 16, 51, 15, 29, 42, 76, 39, 32, 36, 79, 0], Distance=327.24, RemCap=3.0

Vehicle 1: Route=[0, 67, 20, 21, 65, 54, 19, 37, 66, 68, 13, 75, 69, 8, 71, 44, 49, 0], Distance=306.63, RemCap=186.0

Vehicle 2: Route=[0, 5, 1, 70, 45, 52, 12, 73, 61, 33, 62, 77, 0], Distance=262.28, RemCap=274.0

Vehicle 3: Route=[0, 57, 53, 59, 10, 18, 40, 46, 63, 78, 64, 56, 0], Distance=249.86, RemCap=279.0

Vehicle 4: Route=[0, 27, 74, 72, 80, 43, 50, 60, 30, 14, 48, 0], Distance=250.90, RemCap=319.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44576.35

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Ep 28/50 | Reward 6104.99 | Loss 1317300771.97 | Dist 1421.83 | Vehl 5

Vehicle 0: Route=[0, 79, 55, 38, 33, 13, 12, 75, 34, 31, 8, 27, 6, 35, 5, 26, 25, 4, 3, 23, 24, 22, 21, 40, 32, 76, 39, 16, 15, 17, 29, 37, 30, 54, 42, 0], Distance=373.17, RemCap=6.0

Vehicle 1: Route=[0, 36, 41, 70, 67, 1, 49, 63, 44, 7, 58, 69, 62, 53, 19, 14, 9, 52, 0], Distance=304.33, RemCap=115.0

Vehicle 2: Route=[0, 50, 20, 60, 18, 48, 28, 59, 10, 61, 71, 56, 64, 0], Distance=238.29, RemCap=246.0

Vehicle 3: Route=[0, 45, 57, 77, 78, 72, 2, 46, 80, 47, 0], Distance=240.54, RemCap=319.0

Vehicle 4: Route=[0, 65, 43, 51, 66, 11, 74, 73, 68, 0], Distance=265.50, RemCap=375.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38114.86

--------------------------------------------------

Ep 29/50 | Reward 5842.82 | Loss 1161786270.45 | Dist 1289.73 | Vehl 5

Vehicle 0: Route=[0, 38, 54, 53, 33, 31, 8, 7, 74, 35, 44, 5, 4, 3, 1, 24, 23, 70, 21, 40, 39, 17, 16, 14, 18, 19, 37, 30, 11, 28, 12, 73, 0], Distance=339.22, RemCap=4.0

Vehicle 1: Route=[0, 65, 57, 13, 59, 10, 48, 76, 32, 20, 22, 36, 67, 47, 77, 64, 78, 0], Distance=263.92, RemCap=201.0

Vehicle 2: Route=[0, 79, 80, 2, 25, 46, 41, 51, 9, 61, 62, 34, 69, 58, 0], Distance=263.83, RemCap=209.0

Vehicle 3: Route=[0, 60, 29, 15, 50, 43, 63, 55, 71, 6, 56, 0], Distance=215.80, RemCap=309.0

Vehicle 4: Route=[0, 66, 42, 45, 52, 68, 75, 27, 72, 26, 49, 0], Distance=206.97, RemCap=338.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41264.42

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Ep 30/50 | Reward 5940.32 | Loss 1133096232.85 | Dist 1395.33 | Vehl 5

Vehicle 0: Route=[0, 36, 24, 23, 4, 26, 2, 5, 35, 71, 6, 8, 56, 31, 38, 53, 33, 13, 11, 10, 9, 30, 29, 18, 15, 14, 16, 17, 40, 39, 60, 0], Distance=334.20, RemCap=0.0

Vehicle 1: Route=[0, 47, 1, 49, 44, 7, 69, 75, 28, 68, 48, 51, 54, 65, 32, 50, 20, 22, 79, 0], Distance=307.01, RemCap=142.0

Vehicle 2: Route=[0, 43, 70, 76, 45, 57, 61, 12, 34, 77, 27, 25, 63, 74, 0], Distance=297.49, RemCap=265.0

Vehicle 3: Route=[0, 67, 55, 64, 62, 37, 52, 73, 0], Distance=190.38, RemCap=381.0

Vehicle 4: Route=[0, 58, 78, 72, 3, 80, 41, 46, 21, 19, 42, 66, 59, 0], Distance=266.26, RemCap=273.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43374.13

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Ep 31/50 | Reward 6036.47 | Loss 1213108966.42 | Dist 1295.37 | Vehl 5

Vehicle 0: Route=[0, 36, 32, 22, 23, 20, 21, 40, 39, 29, 17, 16, 14, 15, 37, 10, 9, 28, 12, 59, 11, 8, 27, 7, 6, 35, 5, 26, 25, 63, 0], Distance=298.88, RemCap=10.0

Vehicle 1: Route=[0, 55, 74, 72, 4, 49, 79, 70, 76, 45, 52, 30, 53, 38, 33, 31, 34, 75, 0], Distance=307.95, RemCap=174.0

Vehicle 2: Route=[0, 19, 18, 54, 57, 62, 69, 77, 78, 71, 2, 3, 43, 50, 46, 0], Distance=243.21, RemCap=215.0

Vehicle 3: Route=[0, 65, 41, 1, 44, 56, 73, 13, 42, 51, 48, 0], Distance=265.15, RemCap=357.0

Vehicle 4: Route=[0, 80, 47, 58, 64, 61, 68, 66, 60, 24, 67, 0], Distance=180.20, RemCap=305.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42420.19

--------------------------------------------------

Ep 32/50 | Reward 5412.76 | Loss 950251368.39 | Dist 1326.99 | Vehl 5

Vehicle 0: Route=[0, 79, 67, 2, 3, 25, 26, 5, 71, 27, 8, 34, 31, 33, 11, 10, 9, 30, 37, 45, 18, 16, 17, 19, 29, 40, 23, 24, 22, 60, 66, 0], Distance=330.86, RemCap=16.0

Vehicle 1: Route=[0, 38, 28, 52, 15, 51, 70, 20, 41, 43, 80, 49, 74, 7, 6, 58, 78, 0], Distance=275.50, RemCap=150.0

Vehicle 2: Route=[0, 32, 39, 21, 50, 47, 64, 75, 73, 12, 61, 48, 42, 53, 0], Distance=261.07, RemCap=294.0

Vehicle 3: Route=[0, 55, 77, 56, 35, 72, 36, 76, 14, 68, 59, 0], Distance=240.83, RemCap=314.0

Vehicle 4: Route=[0, 65, 54, 57, 13, 62, 69, 44, 4, 1, 46, 63, 0], Distance=218.73, RemCap=287.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45563.56

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Ep 33/50 | Reward 5956.14 | Loss 1274495917.33 | Dist 1282.02 | Vehl 5

Vehicle 0: Route=[0, 38, 36, 21, 20, 23, 24, 1, 4, 25, 26, 2, 5, 35, 6, 27, 34, 33, 13, 10, 12, 9, 18, 15, 14, 16, 17, 29, 42, 0], Distance=305.59, RemCap=3.0

Vehicle 1: Route=[0, 79, 78, 72, 67, 41, 70, 43, 32, 76, 39, 19, 66, 30, 11, 57, 65, 0], Distance=262.22, RemCap=237.0

Vehicle 2: Route=[0, 40, 50, 3, 49, 44, 8, 56, 64, 62, 59, 37, 48, 51, 60, 0], Distance=265.04, RemCap=242.0

Vehicle 3: Route=[0, 55, 46, 63, 80, 71, 74, 7, 31, 75, 73, 28, 68, 53, 0], Distance=231.21, RemCap=298.0

Vehicle 4: Route=[0, 22, 47, 77, 58, 69, 54, 45, 52, 61, 0], Distance=217.95, RemCap=281.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39185.36

--------------------------------------------------

Ep 34/50 | Reward 5513.38 | Loss 953599636.15 | Dist 1253.64 | Vehl 5

Vehicle 0: Route=[0, 38, 33, 31, 77, 44, 5, 26, 3, 1, 2, 79, 22, 24, 23, 20, 21, 41, 40, 76, 18, 15, 45, 11, 13, 10, 9, 28, 59, 73, 0], Distance=330.36, RemCap=19.0

Vehicle 1: Route=[0, 36, 32, 60, 19, 16, 48, 37, 30, 68, 61, 75, 62, 47, 64, 8, 56, 0], Distance=239.73, RemCap=237.0

Vehicle 2: Route=[0, 46, 43, 42, 66, 12, 34, 58, 78, 6, 71, 35, 49, 25, 72, 0], Distance=244.03, RemCap=238.0

Vehicle 3: Route=[0, 65, 52, 17, 51, 39, 50, 70, 4, 63, 80, 7, 27, 74, 0], Distance=258.45, RemCap=249.0

Vehicle 4: Route=[0, 67, 55, 69, 53, 14, 29, 54, 57, 0], Distance=181.07, RemCap=318.0

Total vehicle waiting time = 140.04

Total customer waiting time = 42604.10

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Ep 35/50 | Reward 5555.48 | Loss 967335881.32 | Dist 1357.48 | Vehl 5

Vehicle 0: Route=[0, 32, 40, 20, 23, 24, 67, 1, 3, 4, 35, 74, 7, 27, 8, 64, 34, 31, 68, 12, 28, 9, 30, 37, 45, 15, 17, 19, 60, 39, 65, 57, 53, 0], Distance=334.18, RemCap=3.0

Vehicle 1: Route=[0, 80, 47, 6, 2, 79, 36, 22, 50, 21, 76, 66, 52, 10, 73, 61, 0], Distance=248.64, RemCap=196.0

Vehicle 2: Route=[0, 33, 11, 54, 14, 41, 25, 49, 72, 5, 44, 71, 77, 78, 0], Distance=268.57, RemCap=243.0

Vehicle 3: Route=[0, 43, 46, 26, 55, 38, 62, 69, 13, 59, 48, 18, 42, 0], Distance=255.12, RemCap=299.0

Vehicle 4: Route=[0, 29, 16, 51, 70, 63, 56, 75, 58, 0], Distance=250.97, RemCap=320.0

Total vehicle waiting time = 143.51

Total customer waiting time = 47062.82

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Ep 36/50 | Reward 6260.82 | Loss 1409523215.53 | Dist 1338.00 | Vehl 5

Vehicle 0: Route=[0, 38, 39, 40, 32, 36, 22, 20, 23, 1, 3, 4, 25, 26, 5, 35, 27, 8, 56, 34, 31, 13, 11, 10, 12, 9, 37, 17, 51, 14, 15, 45, 0], Distance=341.49, RemCap=2.0

Vehicle 1: Route=[0, 79, 24, 46, 72, 74, 78, 6, 71, 55, 53, 28, 48, 16, 29, 60, 66, 0], Distance=281.61, RemCap=226.0

Vehicle 2: Route=[0, 65, 43, 70, 19, 42, 52, 30, 54, 33, 58, 47, 44, 0], Distance=254.34, RemCap=233.0

Vehicle 3: Route=[0, 76, 21, 50, 41, 67, 80, 7, 77, 64, 61, 73, 0], Distance=207.48, RemCap=311.0

Vehicle 4: Route=[0, 2, 49, 63, 69, 62, 57, 18, 59, 75, 68, 0], Distance=253.09, RemCap=289.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36737.05

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Ep 37/50 | Reward 6160.61 | Loss 1273477050.10 | Dist 1371.88 | Vehl 5

Vehicle 0: Route=[0, 36, 32, 21, 20, 50, 22, 24, 1, 4, 25, 72, 44, 7, 6, 34, 31, 33, 30, 39, 17, 15, 18, 19, 29, 37, 9, 28, 12, 73, 75, 0], Distance=372.64, RemCap=4.0

Vehicle 1: Route=[0, 65, 67, 43, 51, 14, 16, 10, 68, 54, 38, 62, 58, 27, 71, 35, 49, 63, 0], Distance=287.70, RemCap=152.0

Vehicle 2: Route=[0, 70, 26, 2, 80, 55, 78, 8, 77, 13, 11, 52, 48, 60, 66, 57, 0], Distance=281.08, RemCap=223.0

Vehicle 3: Route=[0, 47, 3, 5, 64, 59, 53, 45, 76, 41, 23, 46, 0], Distance=271.50, RemCap=321.0

Vehicle 4: Route=[0, 74, 56, 69, 61, 42, 40, 79, 0], Distance=158.96, RemCap=361.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38026.49

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Ep 38/50 | Reward 5387.38 | Loss 907385345.77 | Dist 1284.84 | Vehl 5

Vehicle 0: Route=[0, 65, 32, 17, 16, 14, 15, 18, 9, 28, 12, 10, 11, 13, 33, 31, 38, 71, 6, 5, 26, 4, 49, 2, 24, 23, 20, 21, 41, 0], Distance=298.42, RemCap=14.0

Vehicle 1: Route=[0, 55, 39, 40, 43, 3, 25, 72, 63, 35, 78, 8, 56, 69, 59, 61, 30, 48, 51, 0], Distance=280.83, RemCap=165.0

Vehicle 2: Route=[0, 76, 42, 29, 45, 70, 50, 36, 79, 1, 7, 27, 64, 34, 68, 57, 0], Distance=279.66, RemCap=279.0

Vehicle 3: Route=[0, 66, 19, 37, 52, 73, 75, 62, 80, 22, 46, 44, 58, 0], Distance=290.60, RemCap=247.0

Vehicle 4: Route=[0, 53, 54, 60, 67, 47, 74, 77, 0], Distance=135.33, RemCap=356.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44501.30

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Ep 39/50 | Reward 5814.12 | Loss 1088540169.80 | Dist 1325.20 | Vehl 5

Vehicle 0: Route=[0, 79, 2, 26, 1, 22, 24, 20, 21, 32, 39, 60, 29, 19, 16, 14, 15, 9, 28, 12, 10, 11, 13, 38, 8, 27, 7, 6, 35, 71, 0], Distance=310.98, RemCap=2.0

Vehicle 1: Route=[0, 55, 67, 41, 3, 25, 49, 72, 5, 63, 64, 62, 31, 37, 48, 54, 0], Distance=251.46, RemCap=267.0

Vehicle 2: Route=[0, 36, 43, 70, 40, 52, 59, 75, 34, 56, 58, 47, 74, 44, 0], Distance=246.11, RemCap=207.0

Vehicle 3: Route=[0, 76, 50, 23, 80, 78, 77, 33, 61, 53, 30, 18, 51, 42, 0], Distance=257.50, RemCap=249.0

Vehicle 4: Route=[0, 46, 4, 69, 73, 68, 45, 17, 66, 57, 65, 0], Distance=259.14, RemCap=336.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41058.21

--------------------------------------------------

Ep 40/50 | Reward 5553.85 | Loss 973166784.06 | Dist 1309.23 | Vehl 5

Vehicle 0: Route=[0, 39, 17, 15, 29, 37, 30, 9, 28, 12, 10, 61, 13, 38, 31, 34, 8, 78, 7, 6, 35, 5, 2, 26, 3, 1, 20, 21, 71, 0], Distance=341.84, RemCap=1.0

Vehicle 1: Route=[0, 69, 59, 52, 45, 14, 18, 19, 42, 76, 70, 24, 22, 67, 4, 63, 44, 0], Distance=285.92, RemCap=200.0

Vehicle 2: Route=[0, 43, 41, 23, 49, 80, 47, 74, 27, 58, 33, 73, 48, 60, 0], Distance=263.33, RemCap=249.0

Vehicle 3: Route=[0, 65, 54, 53, 11, 66, 16, 51, 40, 36, 79, 55, 56, 64, 0], Distance=214.74, RemCap=298.0

Vehicle 4: Route=[0, 32, 50, 46, 25, 72, 77, 75, 68, 62, 57, 0], Distance=203.41, RemCap=313.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45080.07

--------------------------------------------------

Ep 41/50 | Reward 5525.97 | Loss 965514060.10 | Dist 1272.98 | Vehl 5

Vehicle 0: Route=[0, 65, 42, 19, 18, 14, 16, 17, 39, 21, 70, 20, 23, 24, 22, 1, 3, 25, 63, 5, 6, 7, 8, 34, 73, 12, 9, 30, 31, 38, 55, 0], Distance=324.23, RemCap=9.0

Vehicle 1: Route=[0, 32, 40, 41, 43, 80, 47, 49, 72, 35, 74, 64, 33, 13, 68, 53, 37, 48, 51, 0], Distance=282.42, RemCap=211.0

Vehicle 2: Route=[0, 62, 75, 28, 10, 52, 29, 76, 79, 67, 2, 4, 78, 27, 77, 58, 56, 0], Distance=254.44, RemCap=137.0

Vehicle 3: Route=[0, 69, 44, 26, 50, 60, 45, 59, 11, 61, 0], Distance=243.06, RemCap=311.0

Vehicle 4: Route=[0, 36, 46, 15, 66, 54, 57, 71, 0], Distance=168.83, RemCap=393.0

Total vehicle waiting time = 104.11

Total customer waiting time = 42622.49

--------------------------------------------------

Ep 42/50 | Reward 6036.21 | Loss 1239269948.99 | Dist 1236.68 | Vehl 5

Vehicle 0: Route=[0, 36, 22, 24, 46, 20, 21, 50, 17, 14, 15, 18, 37, 30, 10, 9, 28, 12, 13, 33, 31, 8, 7, 35, 26, 25, 3, 1, 2, 67, 0], Distance=281.64, RemCap=0.0

Vehicle 1: Route=[0, 65, 32, 40, 23, 47, 27, 78, 64, 77, 69, 61, 68, 11, 54, 60, 42, 0], Distance=218.21, RemCap=243.0

Vehicle 2: Route=[0, 41, 70, 19, 16, 45, 57, 71, 63, 5, 44, 56, 58, 62, 34, 75, 0], Distance=297.51, RemCap=215.0

Vehicle 3: Route=[0, 38, 59, 29, 48, 51, 76, 39, 43, 49, 74, 80, 79, 0], Distance=240.62, RemCap=253.0

Vehicle 4: Route=[0, 55, 4, 72, 6, 73, 53, 66, 52, 0], Distance=198.70, RemCap=350.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38398.27

--------------------------------------------------

Ep 43/50 | Reward 5890.00 | Loss 1134608795.66 | Dist 1344.17 | Vehl 5

Vehicle 0: Route=[0, 38, 54, 33, 13, 59, 12, 9, 30, 37, 18, 14, 16, 19, 29, 39, 40, 21, 22, 24, 23, 3, 25, 49, 26, 5, 27, 7, 6, 36, 79, 0], Distance=309.97, RemCap=5.0

Vehicle 1: Route=[0, 55, 57, 65, 20, 46, 2, 72, 77, 69, 31, 61, 68, 10, 48, 51, 0], Distance=281.30, RemCap=161.0

Vehicle 2: Route=[0, 62, 75, 64, 58, 71, 35, 4, 32, 76, 60, 42, 15, 50, 0], Distance=271.98, RemCap=302.0

Vehicle 3: Route=[0, 8, 78, 74, 44, 1, 43, 70, 17, 45, 66, 52, 28, 73, 0], Distance=286.70, RemCap=247.0

Vehicle 4: Route=[0, 53, 11, 34, 56, 47, 80, 63, 41, 67, 0], Distance=194.21, RemCap=346.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42261.86

--------------------------------------------------

Ep 44/50 | Reward 6056.97 | Loss 1223848607.81 | Dist 1386.90 | Vehl 5

Vehicle 0: Route=[0, 31, 34, 8, 77, 6, 35, 2, 25, 4, 1, 23, 21, 24, 22, 36, 32, 40, 39, 17, 19, 37, 30, 9, 28, 12, 10, 11, 33, 57, 76, 0], Distance=341.58, RemCap=7.0

Vehicle 1: Route=[0, 79, 80, 47, 56, 5, 49, 3, 46, 20, 41, 16, 15, 45, 42, 59, 13, 61, 0], Distance=277.00, RemCap=161.0

Vehicle 2: Route=[0, 55, 71, 63, 72, 26, 67, 51, 18, 73, 75, 27, 74, 7, 58, 0], Distance=278.06, RemCap=261.0

Vehicle 3: Route=[0, 38, 69, 64, 44, 43, 70, 14, 29, 68, 53, 66, 60, 0], Distance=278.35, RemCap=270.0

Vehicle 4: Route=[0, 65, 54, 52, 48, 50, 78, 62, 0], Distance=211.90, RemCap=362.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43605.75

--------------------------------------------------

Ep 45/50 | Reward 5296.70 | Loss 844126529.62 | Dist 1240.69 | Vehl 5

Vehicle 0: Route=[0, 65, 39, 40, 21, 24, 22, 36, 2, 3, 4, 63, 5, 7, 27, 64, 31, 62, 38, 57, 13, 12, 10, 11, 30, 37, 45, 48, 15, 14, 51, 17, 19, 60, 42, 0], Distance=330.20, RemCap=9.0

Vehicle 1: Route=[0, 54, 66, 18, 52, 53, 75, 34, 56, 8, 78, 44, 26, 80, 23, 20, 41, 0], Distance=284.56, RemCap=180.0

Vehicle 2: Route=[0, 67, 1, 46, 16, 29, 28, 69, 58, 77, 35, 47, 55, 0], Distance=243.14, RemCap=224.0

Vehicle 3: Route=[0, 68, 61, 33, 71, 72, 25, 49, 32, 43, 50, 0], Distance=183.12, RemCap=296.0

Vehicle 4: Route=[0, 79, 70, 76, 9, 59, 73, 6, 74, 0], Distance=199.67, RemCap=352.0

Total vehicle waiting time = 46.97

Total customer waiting time = 45694.25

--------------------------------------------------

Ep 46/50 | Reward 5574.10 | Loss 1002528918.50 | Dist 1357.26 | Vehl 5

Vehicle 0: Route=[0, 38, 30, 11, 9, 12, 10, 13, 33, 31, 34, 8, 7, 6, 2, 4, 3, 24, 20, 21, 36, 32, 39, 16, 14, 19, 29, 60, 0], Distance=324.50, RemCap=12.0

Vehicle 1: Route=[0, 65, 15, 40, 70, 46, 1, 49, 26, 5, 44, 35, 69, 62, 75, 73, 68, 59, 0], Distance=296.24, RemCap=180.0

Vehicle 2: Route=[0, 53, 54, 66, 17, 37, 52, 28, 56, 71, 72, 67, 80, 0], Distance=230.09, RemCap=305.0

Vehicle 3: Route=[0, 43, 50, 41, 22, 63, 27, 58, 61, 42, 18, 51, 76, 57, 0], Distance=253.35, RemCap=268.0

Vehicle 4: Route=[0, 79, 45, 48, 23, 25, 47, 55, 74, 77, 64, 78, 0], Distance=253.08, RemCap=296.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43145.63

--------------------------------------------------

Ep 47/50 | Reward 5526.78 | Loss 972740796.86 | Dist 1425.35 | Vehl 5

Vehicle 0: Route=[0, 55, 6, 27, 35, 5, 2, 26, 25, 4, 1, 36, 22, 24, 20, 21, 40, 32, 76, 29, 15, 14, 9, 12, 10, 11, 33, 31, 38, 53, 0], Distance=319.40, RemCap=1.0

Vehicle 1: Route=[0, 42, 48, 45, 37, 66, 13, 28, 73, 58, 56, 8, 78, 47, 49, 3, 67, 23, 41, 0], Distance=284.98, RemCap=204.0

Vehicle 2: Route=[0, 43, 46, 39, 60, 16, 51, 52, 59, 61, 71, 63, 69, 77, 0], Distance=278.63, RemCap=221.0

Vehicle 3: Route=[0, 79, 72, 74, 7, 75, 30, 54, 17, 50, 57, 62, 0], Distance=287.78, RemCap=293.0

Vehicle 4: Route=[0, 65, 70, 19, 18, 68, 34, 64, 80, 44, 0], Distance=254.56, RemCap=342.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44258.51

--------------------------------------------------

Ep 48/50 | Reward 5668.00 | Loss 1073941122.22 | Dist 1318.48 | Vehl 5

Vehicle 0: Route=[0, 57, 65, 36, 22, 24, 21, 40, 32, 29, 15, 14, 37, 9, 28, 12, 10, 11, 34, 64, 69, 2, 1, 3, 25, 26, 63, 5, 35, 7, 8, 56, 0], Distance=357.73, RemCap=6.0

Vehicle 1: Route=[0, 80, 47, 71, 6, 38, 53, 68, 52, 51, 42, 60, 39, 23, 4, 49, 0], Distance=266.61, RemCap=240.0

Vehicle 2: Route=[0, 55, 79, 43, 20, 19, 17, 18, 45, 73, 75, 33, 77, 27, 78, 0], Distance=248.84, RemCap=212.0

Vehicle 3: Route=[0, 76, 70, 67, 58, 31, 13, 61, 66, 16, 48, 0], Distance=237.13, RemCap=323.0

Vehicle 4: Route=[0, 74, 44, 72, 46, 50, 41, 54, 30, 59, 62, 0], Distance=208.16, RemCap=280.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44800.88

--------------------------------------------------

Ep 49/50 | Reward 5826.07 | Loss 1186158899.93 | Dist 1364.21 | Vehl 5

Vehicle 0: Route=[0, 36, 24, 20, 21, 40, 39, 60, 19, 16, 14, 18, 30, 11, 10, 28, 12, 73, 34, 31, 33, 38, 71, 6, 56, 8, 27, 7, 2, 25, 72, 63, 0], Distance=338.27, RemCap=8.0

Vehicle 1: Route=[0, 69, 77, 74, 35, 44, 3, 22, 43, 32, 65, 54, 53, 13, 68, 37, 66, 0], Distance=226.91, RemCap=227.0

Vehicle 2: Route=[0, 17, 15, 45, 9, 62, 64, 58, 4, 46, 67, 80, 0], Distance=261.18, RemCap=286.0

Vehicle 3: Route=[0, 57, 79, 50, 23, 1, 26, 78, 75, 52, 42, 51, 0], Distance=288.35, RemCap=289.0

Vehicle 4: Route=[0, 61, 59, 55, 47, 5, 49, 41, 70, 76, 29, 48, 0], Distance=249.50, RemCap=251.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38145.15

--------------------------------------------------

Ep 50/50 | Reward 5761.49 | Loss 1112194364.65 | Dist 1229.40 | Vehl 5

Vehicle 0: Route=[0, 38, 31, 6, 7, 27, 8, 64, 34, 28, 10, 11, 37, 15, 14, 17, 19, 29, 60, 76, 40, 21, 70, 20, 23, 24, 22, 36, 3, 4, 2, 71, 0], Distance=321.06, RemCap=2.0

Vehicle 1: Route=[0, 65, 32, 43, 67, 49, 25, 72, 5, 35, 74, 77, 69, 33, 13, 42, 45, 18, 51, 0], Distance=250.06, RemCap=178.0

Vehicle 2: Route=[0, 79, 50, 1, 47, 62, 53, 61, 68, 59, 52, 16, 48, 0], Distance=243.81, RemCap=247.0

Vehicle 3: Route=[0, 55, 26, 41, 54, 9, 12, 73, 75, 58, 0], Distance=212.38, RemCap=337.0

Vehicle 4: Route=[0, 56, 78, 44, 63, 80, 46, 39, 66, 30, 57, 0], Distance=202.08, RemCap=297.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41154.95

--------------------------------------------------

--- Training with max\_vehicles = 6 ---

Ep 1/50 | Reward 6204.82 | Loss 1319467893.55 | Dist 1403.16 | Vehl 6

Vehicle 0: Route=[0, 32, 40, 24, 23, 2, 1, 3, 4, 25, 26, 5, 7, 8, 6, 55, 38, 11, 10, 12, 28, 9, 30, 42, 29, 19, 17, 16, 15, 18, 45, 0], Distance=304.06, RemCap=1.0

Vehicle 1: Route=[0, 65, 79, 50, 51, 57, 13, 73, 34, 27, 74, 35, 80, 63, 72, 0], Distance=292.25, RemCap=264.0

Vehicle 2: Route=[0, 36, 49, 22, 20, 70, 48, 68, 61, 33, 62, 64, 58, 0], Distance=241.91, RemCap=233.0

Vehicle 3: Route=[0, 71, 78, 75, 59, 53, 66, 14, 39, 21, 41, 43, 0], Distance=238.23, RemCap=306.0

Vehicle 4: Route=[0, 76, 37, 52, 31, 77, 56, 47, 67, 0], Distance=159.83, RemCap=365.0

Vehicle 5: Route=[0, 54, 60, 46, 44, 69, 0], Distance=166.88, RemCap=392.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36320.50

--------------------------------------------------

Ep 2/50 | Reward 5630.76 | Loss 1081460909.04 | Dist 1545.61 | Vehl 6

Vehicle 0: Route=[0, 47, 35, 6, 27, 75, 31, 33, 13, 11, 12, 37, 45, 18, 15, 14, 16, 19, 29, 60, 65, 76, 21, 20, 22, 1, 3, 4, 25, 5, 49, 0], Distance=341.22, RemCap=17.0

Vehicle 1: Route=[0, 57, 66, 30, 9, 28, 61, 64, 56, 46, 23, 26, 63, 0], Distance=225.95, RemCap=267.0

Vehicle 2: Route=[0, 59, 52, 17, 41, 36, 67, 2, 7, 77, 71, 79, 0], Distance=243.10, RemCap=281.0

Vehicle 3: Route=[0, 80, 70, 40, 39, 51, 10, 73, 53, 62, 8, 69, 0], Distance=274.97, RemCap=303.0

Vehicle 4: Route=[0, 32, 24, 50, 48, 34, 55, 72, 44, 78, 0], Distance=276.59, RemCap=328.0

Vehicle 5: Route=[0, 43, 42, 54, 68, 38, 74, 58, 0], Distance=183.78, RemCap=365.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38703.83

--------------------------------------------------

Ep 3/50 | Reward 5885.53 | Loss 1220920644.01 | Dist 1513.92 | Vehl 6

Vehicle 0: Route=[0, 31, 34, 59, 12, 9, 11, 13, 53, 30, 52, 37, 18, 17, 29, 60, 39, 32, 40, 21, 24, 36, 1, 3, 4, 5, 35, 6, 69, 8, 27, 44, 0], Distance=371.28, RemCap=2.0

Vehicle 1: Route=[0, 55, 65, 43, 20, 51, 48, 75, 56, 74, 2, 25, 26, 63, 0], Distance=277.22, RemCap=233.0

Vehicle 2: Route=[0, 79, 67, 49, 7, 77, 38, 33, 10, 14, 19, 42, 76, 41, 70, 0], Distance=275.15, RemCap=201.0

Vehicle 3: Route=[0, 62, 80, 23, 46, 22, 16, 15, 66, 61, 0], Distance=206.41, RemCap=331.0

Vehicle 4: Route=[0, 72, 71, 64, 73, 68, 54, 0], Distance=159.00, RemCap=439.0

Vehicle 5: Route=[0, 50, 45, 28, 58, 78, 47, 57, 0], Distance=224.85, RemCap=355.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38572.05

--------------------------------------------------

Ep 4/50 | Reward 6020.86 | Loss 1277447155.23 | Dist 1532.19 | Vehl 6

Vehicle 0: Route=[0, 38, 31, 33, 12, 11, 53, 30, 37, 15, 14, 16, 17, 19, 29, 39, 40, 21, 1, 3, 4, 25, 26, 5, 2, 47, 6, 7, 27, 8, 69, 64, 0], Distance=314.09, RemCap=5.0

Vehicle 1: Route=[0, 79, 36, 22, 24, 46, 70, 76, 18, 10, 75, 78, 63, 80, 57, 66, 0], Distance=297.04, RemCap=237.0

Vehicle 2: Route=[0, 67, 72, 35, 74, 71, 34, 61, 9, 45, 32, 41, 43, 0], Distance=254.40, RemCap=283.0

Vehicle 3: Route=[0, 23, 50, 48, 60, 54, 13, 28, 59, 77, 58, 0], Distance=219.97, RemCap=292.0

Vehicle 4: Route=[0, 65, 20, 51, 73, 55, 44, 0], Distance=253.80, RemCap=363.0

Vehicle 5: Route=[0, 49, 56, 62, 68, 42, 52, 0], Distance=192.88, RemCap=381.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39515.26

--------------------------------------------------

Ep 5/50 | Reward 6227.91 | Loss 1309633024.91 | Dist 1483.82 | Vehl 6

Vehicle 0: Route=[0, 36, 32, 39, 17, 16, 14, 18, 29, 30, 9, 28, 10, 11, 13, 33, 31, 34, 8, 27, 6, 35, 5, 26, 4, 1, 25, 2, 24, 22, 41, 0], Distance=306.77, RemCap=0.0

Vehicle 1: Route=[0, 65, 60, 19, 15, 37, 66, 12, 61, 71, 56, 74, 72, 20, 40, 76, 0], Distance=286.59, RemCap=251.0

Vehicle 2: Route=[0, 80, 67, 3, 23, 43, 51, 68, 73, 58, 54, 0], Distance=268.36, RemCap=315.0

Vehicle 3: Route=[0, 38, 75, 69, 77, 7, 55, 50, 21, 48, 45, 52, 0], Distance=242.43, RemCap=286.0

Vehicle 4: Route=[0, 79, 46, 42, 59, 57, 62, 0], Distance=167.01, RemCap=385.0

Vehicle 5: Route=[0, 53, 64, 78, 47, 70, 49, 63, 44, 0], Distance=212.66, RemCap=324.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39617.39

--------------------------------------------------

Ep 6/50 | Reward 5827.37 | Loss 1168278363.57 | Dist 1369.02 | Vehl 6

Vehicle 0: Route=[0, 31, 34, 7, 6, 35, 5, 2, 26, 25, 3, 1, 23, 22, 21, 40, 32, 39, 16, 14, 19, 29, 37, 30, 10, 61, 13, 33, 42, 0], Distance=334.01, RemCap=12.0

Vehicle 1: Route=[0, 63, 4, 24, 46, 41, 15, 66, 54, 57, 68, 59, 12, 9, 52, 0], Distance=251.47, RemCap=246.0

Vehicle 2: Route=[0, 38, 8, 78, 55, 67, 36, 50, 20, 76, 60, 48, 18, 11, 73, 0], Distance=275.92, RemCap=266.0

Vehicle 3: Route=[0, 53, 45, 51, 17, 79, 80, 74, 27, 77, 0], Distance=185.11, RemCap=329.0

Vehicle 4: Route=[0, 43, 70, 49, 72, 44, 64, 75, 0], Distance=182.20, RemCap=350.0

Vehicle 5: Route=[0, 65, 28, 62, 69, 56, 58, 47, 71, 0], Distance=140.31, RemCap=358.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40190.21

--------------------------------------------------

Ep 7/50 | Reward 5542.99 | Loss 1051505348.75 | Dist 1437.47 | Vehl 6

Vehicle 0: Route=[0, 38, 6, 7, 8, 34, 31, 33, 11, 10, 9, 14, 16, 17, 19, 29, 43, 21, 20, 23, 22, 36, 2, 1, 25, 5, 72, 0], Distance=321.96, RemCap=0.0

Vehicle 1: Route=[0, 65, 54, 32, 40, 70, 79, 3, 78, 64, 68, 30, 37, 45, 48, 18, 60, 0], Distance=289.38, RemCap=289.0

Vehicle 2: Route=[0, 80, 71, 35, 26, 41, 39, 76, 57, 53, 13, 28, 12, 73, 0], Distance=218.06, RemCap=355.0

Vehicle 3: Route=[0, 62, 74, 44, 4, 24, 46, 50, 51, 52, 59, 0], Distance=245.44, RemCap=257.0

Vehicle 4: Route=[0, 61, 69, 77, 58, 27, 55, 49, 67, 0], Distance=153.36, RemCap=270.0

Vehicle 5: Route=[0, 47, 63, 56, 75, 15, 42, 66, 0], Distance=209.27, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39404.84

--------------------------------------------------

Ep 8/50 | Reward 5968.31 | Loss 1205871563.30 | Dist 1330.17 | Vehl 6

Vehicle 0: Route=[0, 80, 27, 8, 6, 38, 31, 33, 13, 11, 10, 28, 30, 37, 42, 19, 18, 15, 14, 17, 40, 21, 70, 20, 23, 24, 1, 3, 4, 5, 72, 0], Distance=323.50, RemCap=6.0

Vehicle 1: Route=[0, 79, 50, 22, 2, 35, 78, 7, 77, 75, 12, 9, 61, 52, 48, 66, 57, 0], Distance=263.40, RemCap=167.0

Vehicle 2: Route=[0, 60, 68, 59, 73, 55, 44, 26, 36, 67, 0], Distance=202.75, RemCap=345.0

Vehicle 3: Route=[0, 53, 16, 51, 39, 32, 25, 63, 47, 71, 62, 69, 56, 64, 0], Distance=232.68, RemCap=304.0

Vehicle 4: Route=[0, 34, 58, 74, 49, 46, 29, 45, 0], Distance=220.81, RemCap=304.0

Vehicle 5: Route=[0, 43, 41, 76, 54, 65, 0], Distance=87.04, RemCap=435.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38828.97

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Ep 9/50 | Reward 5655.97 | Loss 1098669910.77 | Dist 1418.01 | Vehl 6

Vehicle 0: Route=[0, 76, 18, 48, 15, 14, 16, 17, 19, 21, 20, 23, 24, 22, 36, 79, 1, 3, 4, 5, 35, 71, 31, 11, 10, 28, 12, 73, 8, 7, 58, 0], Distance=336.10, RemCap=15.0

Vehicle 1: Route=[0, 55, 2, 44, 69, 34, 62, 38, 65, 32, 46, 40, 29, 42, 30, 9, 54, 0], Distance=275.25, RemCap=185.0

Vehicle 2: Route=[0, 57, 13, 33, 64, 56, 63, 49, 80, 50, 43, 0], Distance=184.98, RemCap=295.0

Vehicle 3: Route=[0, 26, 72, 27, 6, 53, 66, 37, 61, 59, 0], Distance=190.24, RemCap=339.0

Vehicle 4: Route=[0, 68, 60, 70, 25, 47, 74, 78, 0], Distance=216.52, RemCap=385.0

Vehicle 5: Route=[0, 77, 75, 52, 45, 51, 39, 41, 67, 0], Distance=214.93, RemCap=342.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39824.38

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Ep 10/50 | Reward 6305.14 | Loss 1419759348.87 | Dist 1426.04 | Vehl 6

Vehicle 0: Route=[0, 38, 17, 16, 14, 15, 52, 30, 11, 13, 9, 28, 12, 59, 34, 8, 7, 6, 5, 26, 25, 4, 3, 1, 2, 23, 21, 40, 39, 36, 67, 0], Distance=337.79, RemCap=1.0

Vehicle 1: Route=[0, 71, 27, 58, 69, 62, 33, 57, 32, 22, 41, 51, 45, 37, 61, 73, 0], Distance=279.09, RemCap=252.0

Vehicle 2: Route=[0, 43, 50, 20, 24, 49, 79, 55, 77, 75, 10, 19, 66, 0], Distance=263.21, RemCap=174.0

Vehicle 3: Route=[0, 46, 76, 48, 18, 29, 53, 31, 56, 44, 35, 80, 0], Distance=222.48, RemCap=314.0

Vehicle 4: Route=[0, 47, 74, 78, 64, 65, 42, 54, 0], Distance=130.95, RemCap=389.0

Vehicle 5: Route=[0, 63, 72, 70, 68, 60, 0], Distance=192.53, RemCap=431.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37235.06

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Ep 11/50 | Reward 6137.51 | Loss 1266046515.32 | Dist 1508.12 | Vehl 6

Vehicle 0: Route=[0, 32, 40, 21, 20, 41, 24, 36, 1, 4, 25, 71, 7, 27, 8, 77, 38, 31, 33, 11, 10, 12, 28, 52, 37, 18, 14, 16, 17, 29, 39, 60, 0], Distance=334.97, RemCap=0.0

Vehicle 1: Route=[0, 67, 55, 78, 74, 72, 26, 22, 70, 15, 48, 30, 13, 59, 75, 0], Distance=298.18, RemCap=254.0

Vehicle 2: Route=[0, 65, 61, 19, 76, 43, 46, 23, 3, 2, 6, 56, 64, 0], Distance=237.71, RemCap=254.0

Vehicle 3: Route=[0, 57, 53, 51, 68, 34, 80, 44, 5, 63, 0], Distance=233.19, RemCap=332.0

Vehicle 4: Route=[0, 79, 50, 49, 35, 69, 54, 66, 73, 0], Distance=224.87, RemCap=328.0

Vehicle 5: Route=[0, 42, 45, 9, 58, 47, 62, 0], Distance=179.19, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36435.10

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Ep 12/50 | Reward 6024.66 | Loss 1249489610.90 | Dist 1370.46 | Vehl 6

Vehicle 0: Route=[0, 60, 29, 19, 17, 16, 15, 48, 30, 9, 11, 13, 33, 31, 34, 69, 56, 27, 7, 6, 35, 5, 26, 4, 1, 36, 24, 23, 46, 21, 40, 39, 76, 0], Distance=305.79, RemCap=6.0

Vehicle 1: Route=[0, 55, 62, 10, 12, 28, 52, 45, 32, 50, 49, 72, 74, 78, 8, 64, 0], Distance=262.11, RemCap=184.0

Vehicle 2: Route=[0, 43, 41, 20, 3, 44, 80, 38, 53, 66, 14, 51, 65, 0], Distance=234.84, RemCap=260.0

Vehicle 3: Route=[0, 71, 58, 25, 22, 70, 37, 68, 61, 73, 0], Distance=242.61, RemCap=352.0

Vehicle 4: Route=[0, 57, 42, 18, 79, 47, 63, 67, 0], Distance=156.06, RemCap=388.0

Vehicle 5: Route=[0, 54, 2, 77, 75, 59, 0], Distance=169.04, RemCap=371.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40743.96

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Ep 13/50 | Reward 5936.38 | Loss 1143861728.16 | Dist 1391.71 | Vehl 6

Vehicle 0: Route=[0, 32, 39, 40, 20, 24, 1, 4, 2, 27, 8, 7, 6, 38, 57, 31, 33, 12, 28, 9, 30, 29, 19, 17, 16, 51, 14, 18, 45, 0], Distance=321.67, RemCap=5.0

Vehicle 1: Route=[0, 80, 26, 72, 35, 78, 77, 75, 10, 52, 37, 48, 21, 46, 22, 53, 54, 0], Distance=290.62, RemCap=204.0

Vehicle 2: Route=[0, 60, 15, 42, 66, 13, 69, 64, 44, 5, 63, 3, 79, 0], Distance=212.69, RemCap=319.0

Vehicle 3: Route=[0, 11, 73, 34, 56, 47, 49, 70, 36, 67, 0], Distance=215.56, RemCap=333.0

Vehicle 4: Route=[0, 43, 50, 41, 25, 55, 59, 68, 65, 0], Distance=174.80, RemCap=350.0

Vehicle 5: Route=[0, 61, 62, 58, 74, 71, 23, 76, 0], Distance=176.37, RemCap=350.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40603.97

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Ep 14/50 | Reward 6447.66 | Loss 1431875994.24 | Dist 1432.55 | Vehl 6

Vehicle 0: Route=[0, 32, 39, 29, 37, 19, 15, 14, 16, 40, 70, 23, 22, 1, 3, 4, 26, 2, 5, 35, 6, 7, 27, 8, 34, 33, 13, 12, 28, 9, 68, 0], Distance=334.03, RemCap=7.0

Vehicle 1: Route=[0, 42, 17, 18, 66, 30, 52, 59, 75, 31, 49, 44, 78, 64, 77, 0], Distance=264.37, RemCap=216.0

Vehicle 2: Route=[0, 54, 60, 45, 10, 61, 62, 38, 55, 36, 20, 67, 63, 0], Distance=243.08, RemCap=232.0

Vehicle 3: Route=[0, 65, 21, 50, 41, 72, 71, 56, 69, 53, 0], Distance=178.32, RemCap=365.0

Vehicle 4: Route=[0, 58, 11, 48, 51, 43, 46, 25, 80, 79, 0], Distance=234.73, RemCap=323.0

Vehicle 5: Route=[0, 57, 73, 74, 47, 24, 76, 0], Distance=178.01, RemCap=418.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37025.19

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Ep 15/50 | Reward 5691.18 | Loss 1031775368.17 | Dist 1430.19 | Vehl 6

Vehicle 0: Route=[0, 36, 24, 23, 20, 70, 32, 39, 19, 17, 16, 48, 29, 37, 9, 28, 12, 13, 33, 31, 56, 27, 7, 6, 35, 5, 26, 3, 1, 2, 47, 0], Distance=291.36, RemCap=3.0

Vehicle 1: Route=[0, 53, 66, 15, 45, 68, 11, 61, 34, 69, 58, 38, 25, 4, 44, 78, 74, 0], Distance=286.29, RemCap=183.0

Vehicle 2: Route=[0, 55, 71, 73, 30, 42, 51, 21, 46, 49, 72, 0], Distance=248.09, RemCap=329.0

Vehicle 3: Route=[0, 80, 22, 41, 57, 18, 14, 52, 10, 77, 64, 0], Distance=249.32, RemCap=297.0

Vehicle 4: Route=[0, 65, 76, 40, 43, 63, 8, 75, 62, 54, 0], Distance=190.88, RemCap=362.0

Vehicle 5: Route=[0, 79, 59, 60, 50, 67, 0], Distance=164.26, RemCap=387.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40946.16

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Ep 16/50 | Reward 5655.66 | Loss 1040752924.83 | Dist 1435.79 | Vehl 6

Vehicle 0: Route=[0, 57, 30, 52, 9, 28, 12, 10, 11, 38, 6, 7, 27, 35, 5, 72, 26, 25, 1, 21, 50, 43, 36, 32, 40, 39, 14, 15, 29, 66, 42, 0], Distance=335.49, RemCap=3.0

Vehicle 1: Route=[0, 41, 20, 76, 19, 16, 48, 18, 45, 37, 54, 34, 58, 64, 0], Distance=225.92, RemCap=283.0

Vehicle 2: Route=[0, 62, 31, 33, 75, 68, 17, 79, 67, 2, 74, 78, 69, 0], Distance=246.69, RemCap=268.0

Vehicle 3: Route=[0, 65, 51, 59, 56, 71, 47, 49, 4, 3, 22, 24, 23, 70, 0], Distance=270.99, RemCap=263.0

Vehicle 4: Route=[0, 60, 13, 77, 80, 63, 46, 0], Distance=192.75, RemCap=385.0

Vehicle 5: Route=[0, 55, 44, 8, 73, 53, 61, 0], Distance=163.95, RemCap=359.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39386.98

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Ep 17/50 | Reward 6373.71 | Loss 1409363776.98 | Dist 1393.93 | Vehl 6

Vehicle 0: Route=[0, 36, 23, 21, 40, 32, 39, 60, 29, 19, 17, 18, 37, 30, 11, 10, 28, 12, 13, 33, 31, 57, 38, 6, 35, 47, 2, 1, 25, 26, 5, 72, 0], Distance=320.65, RemCap=5.0

Vehicle 1: Route=[0, 65, 54, 59, 9, 52, 48, 51, 16, 76, 20, 22, 3, 27, 69, 79, 0], Distance=283.87, RemCap=233.0

Vehicle 2: Route=[0, 14, 15, 68, 77, 58, 56, 80, 63, 4, 49, 0], Distance=225.05, RemCap=264.0

Vehicle 3: Route=[0, 67, 70, 43, 53, 61, 73, 75, 34, 7, 78, 0], Distance=204.13, RemCap=304.0

Vehicle 4: Route=[0, 55, 41, 45, 42, 66, 62, 8, 74, 0], Distance=209.00, RemCap=370.0

Vehicle 5: Route=[0, 50, 46, 24, 44, 71, 64, 0], Distance=151.23, RemCap=385.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38472.94

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Ep 18/50 | Reward 6078.45 | Loss 1234765094.38 | Dist 1493.38 | Vehl 6

Vehicle 0: Route=[0, 38, 31, 33, 13, 9, 28, 12, 34, 8, 7, 6, 35, 5, 4, 3, 1, 49, 2, 36, 24, 23, 50, 40, 16, 14, 15, 17, 29, 42, 0], Distance=306.21, RemCap=2.0

Vehicle 1: Route=[0, 62, 11, 73, 69, 72, 22, 21, 32, 39, 51, 18, 45, 52, 66, 54, 0], Distance=297.94, RemCap=280.0

Vehicle 2: Route=[0, 10, 19, 60, 65, 79, 43, 46, 25, 47, 71, 56, 27, 44, 0], Distance=282.36, RemCap=243.0

Vehicle 3: Route=[0, 37, 30, 68, 61, 75, 64, 58, 63, 67, 20, 55, 0], Distance=226.00, RemCap=245.0

Vehicle 4: Route=[0, 80, 57, 53, 48, 59, 78, 26, 70, 41, 0], Distance=279.20, RemCap=351.0

Vehicle 5: Route=[0, 77, 74, 76, 0], Distance=101.66, RemCap=440.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39472.52

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Ep 19/50 | Reward 6286.93 | Loss 1345667423.26 | Dist 1392.25 | Vehl 6

Vehicle 0: Route=[0, 6, 8, 27, 7, 35, 5, 2, 26, 25, 4, 3, 24, 23, 20, 40, 32, 29, 19, 17, 16, 14, 18, 37, 9, 10, 33, 31, 73, 0], Distance=335.11, RemCap=0.0

Vehicle 1: Route=[0, 58, 34, 75, 12, 28, 68, 52, 45, 30, 66, 60, 41, 22, 72, 0], Distance=268.45, RemCap=274.0

Vehicle 2: Route=[0, 55, 80, 74, 69, 59, 13, 11, 15, 51, 53, 38, 65, 0], Distance=216.42, RemCap=284.0

Vehicle 3: Route=[0, 79, 67, 21, 39, 76, 48, 57, 71, 56, 78, 0], Distance=215.27, RemCap=358.0

Vehicle 4: Route=[0, 54, 62, 77, 44, 63, 49, 1, 36, 70, 0], Distance=179.70, RemCap=297.0

Vehicle 5: Route=[0, 46, 50, 43, 42, 61, 64, 47, 0], Distance=177.30, RemCap=348.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35131.79

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Ep 20/50 | Reward 6527.09 | Loss 1511624827.23 | Dist 1292.06 | Vehl 6

Vehicle 0: Route=[0, 36, 32, 40, 21, 24, 23, 1, 3, 25, 2, 5, 35, 71, 38, 31, 7, 27, 78, 8, 64, 34, 75, 13, 9, 68, 11, 53, 30, 37, 18, 48, 15, 16, 17, 39, 42, 0], Distance=371.62, RemCap=18.0

Vehicle 1: Route=[0, 56, 58, 62, 33, 59, 12, 66, 51, 14, 45, 0], Distance=194.86, RemCap=284.0

Vehicle 2: Route=[0, 80, 22, 43, 76, 60, 29, 10, 28, 73, 77, 69, 0], Distance=197.64, RemCap=305.0

Vehicle 3: Route=[0, 55, 47, 72, 26, 4, 41, 46, 70, 19, 65, 0], Distance=169.59, RemCap=311.0

Vehicle 4: Route=[0, 57, 52, 6, 74, 44, 20, 79, 0], Distance=196.62, RemCap=315.0

Vehicle 5: Route=[0, 67, 63, 49, 50, 61, 54, 0], Distance=161.73, RemCap=328.0

Total vehicle waiting time = 11.76

Total customer waiting time = 36371.17

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Ep 21/50 | Reward 6428.15 | Loss 1438194515.98 | Dist 1372.24 | Vehl 6

Vehicle 0: Route=[0, 39, 21, 20, 24, 1, 3, 25, 5, 6, 7, 27, 8, 34, 31, 38, 33, 13, 12, 28, 10, 11, 30, 37, 29, 19, 17, 16, 14, 18, 48, 0], Distance=321.15, RemCap=0.0

Vehicle 1: Route=[0, 65, 32, 41, 46, 23, 4, 2, 63, 35, 58, 56, 64, 68, 9, 52, 57, 0], Distance=219.80, RemCap=177.0

Vehicle 2: Route=[0, 71, 78, 44, 47, 36, 22, 50, 40, 60, 42, 59, 51, 15, 45, 0], Distance=289.96, RemCap=287.0

Vehicle 3: Route=[0, 77, 26, 43, 76, 54, 66, 61, 0], Distance=185.34, RemCap=360.0

Vehicle 4: Route=[0, 53, 75, 69, 80, 72, 67, 79, 70, 0], Distance=211.09, RemCap=353.0

Vehicle 5: Route=[0, 62, 73, 74, 49, 55, 0], Distance=144.90, RemCap=384.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38123.57

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Ep 22/50 | Reward 5852.07 | Loss 1123137171.05 | Dist 1516.78 | Vehl 6

Vehicle 0: Route=[0, 31, 33, 13, 68, 12, 9, 30, 37, 18, 16, 17, 39, 32, 36, 40, 43, 20, 23, 1, 3, 26, 2, 63, 5, 35, 7, 27, 78, 8, 34, 64, 0], Distance=331.72, RemCap=16.0

Vehicle 1: Route=[0, 65, 38, 69, 71, 80, 72, 50, 21, 19, 54, 11, 61, 10, 52, 0], Distance=275.70, RemCap=210.0

Vehicle 2: Route=[0, 55, 74, 53, 66, 29, 15, 70, 76, 60, 0], Distance=213.58, RemCap=339.0

Vehicle 3: Route=[0, 67, 4, 44, 6, 56, 77, 62, 57, 51, 28, 59, 75, 0], Distance=270.03, RemCap=246.0

Vehicle 4: Route=[0, 73, 58, 49, 79, 22, 24, 46, 14, 48, 45, 0], Distance=268.57, RemCap=292.0

Vehicle 5: Route=[0, 47, 25, 42, 41, 0], Distance=157.18, RemCap=458.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40881.12

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Ep 23/50 | Reward 7017.50 | Loss 1817613485.42 | Dist 1459.51 | Vehl 6

Vehicle 0: Route=[0, 38, 36, 32, 40, 39, 19, 17, 16, 15, 18, 29, 37, 30, 9, 12, 10, 11, 13, 33, 31, 34, 7, 6, 35, 26, 4, 3, 23, 20, 21, 22, 0], Distance=326.87, RemCap=0.0

Vehicle 1: Route=[0, 80, 71, 8, 62, 59, 28, 57, 54, 76, 41, 24, 67, 2, 44, 0], Distance=252.02, RemCap=263.0

Vehicle 2: Route=[0, 51, 43, 1, 25, 5, 77, 64, 75, 73, 68, 53, 61, 0], Distance=275.40, RemCap=276.0

Vehicle 3: Route=[0, 63, 72, 74, 56, 58, 60, 14, 70, 46, 0], Distance=237.94, RemCap=294.0

Vehicle 4: Route=[0, 47, 27, 78, 69, 65, 48, 66, 0], Distance=167.42, RemCap=390.0

Vehicle 5: Route=[0, 55, 79, 49, 50, 42, 52, 45, 0], Distance=199.87, RemCap=338.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33359.91

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Ep 24/50 | Reward 6203.17 | Loss 1359274250.15 | Dist 1542.95 | Vehl 6

Vehicle 0: Route=[0, 38, 53, 30, 10, 9, 28, 59, 33, 31, 34, 8, 27, 7, 6, 5, 26, 3, 2, 79, 36, 22, 24, 21, 40, 32, 17, 16, 15, 18, 19, 60, 0], Distance=328.64, RemCap=0.0

Vehicle 1: Route=[0, 54, 13, 75, 58, 71, 35, 49, 25, 4, 1, 41, 76, 48, 0], Distance=252.76, RemCap=276.0

Vehicle 2: Route=[0, 77, 74, 47, 63, 70, 14, 45, 37, 61, 73, 0], Distance=268.09, RemCap=291.0

Vehicle 3: Route=[0, 50, 39, 51, 57, 69, 64, 11, 52, 0], Distance=243.16, RemCap=349.0

Vehicle 4: Route=[0, 55, 62, 78, 44, 20, 65, 42, 29, 68, 0], Distance=238.75, RemCap=312.0

Vehicle 5: Route=[0, 66, 12, 56, 72, 23, 46, 43, 67, 80, 0], Distance=211.56, RemCap=333.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36905.25

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Ep 25/50 | Reward 5917.16 | Loss 1134758059.80 | Dist 1549.22 | Vehl 6

Vehicle 0: Route=[0, 65, 36, 21, 20, 23, 24, 67, 1, 3, 4, 26, 2, 5, 35, 7, 34, 13, 11, 9, 30, 37, 29, 39, 19, 17, 15, 14, 51, 0], Distance=337.24, RemCap=0.0

Vehicle 1: Route=[0, 38, 54, 60, 16, 22, 25, 47, 71, 27, 8, 69, 62, 73, 61, 53, 0], Distance=279.61, RemCap=273.0

Vehicle 2: Route=[0, 77, 6, 63, 46, 41, 40, 76, 66, 10, 33, 75, 0], Distance=233.67, RemCap=278.0

Vehicle 3: Route=[0, 32, 70, 49, 44, 74, 56, 31, 68, 28, 48, 45, 0], Distance=256.02, RemCap=304.0

Vehicle 4: Route=[0, 57, 78, 64, 12, 18, 43, 79, 55, 80, 0], Distance=230.45, RemCap=350.0

Vehicle 5: Route=[0, 50, 42, 52, 59, 58, 72, 0], Distance=212.24, RemCap=356.0

Total vehicle waiting time = 51.03

Total customer waiting time = 38539.80

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Ep 26/50 | Reward 6092.25 | Loss 1278377343.80 | Dist 1378.85 | Vehl 6

Vehicle 0: Route=[0, 36, 43, 21, 20, 23, 24, 22, 1, 3, 4, 26, 5, 27, 7, 33, 13, 59, 9, 11, 45, 15, 14, 16, 17, 18, 19, 29, 32, 54, 0], Distance=312.93, RemCap=3.0

Vehicle 1: Route=[0, 47, 2, 46, 70, 76, 60, 37, 30, 34, 8, 78, 71, 77, 0], Distance=246.70, RemCap=270.0

Vehicle 2: Route=[0, 79, 67, 41, 50, 40, 66, 53, 10, 12, 73, 31, 62, 0], Distance=173.83, RemCap=298.0

Vehicle 3: Route=[0, 80, 63, 44, 56, 6, 38, 48, 28, 75, 61, 0], Distance=254.20, RemCap=298.0

Vehicle 4: Route=[0, 55, 25, 72, 35, 69, 68, 42, 65, 57, 0], Distance=175.27, RemCap=374.0

Vehicle 5: Route=[0, 64, 58, 74, 49, 39, 51, 52, 0], Distance=215.92, RemCap=318.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34930.84

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Ep 27/50 | Reward 6426.91 | Loss 1428366320.10 | Dist 1469.26 | Vehl 6

Vehicle 0: Route=[0, 65, 38, 54, 37, 18, 15, 16, 17, 39, 40, 43, 21, 22, 24, 3, 4, 26, 36, 79, 47, 35, 6, 27, 8, 34, 33, 11, 10, 9, 28, 12, 59, 0], Distance=350.69, RemCap=6.0

Vehicle 1: Route=[0, 1, 49, 74, 7, 58, 64, 69, 13, 68, 30, 51, 19, 60, 0], Distance=212.40, RemCap=235.0

Vehicle 2: Route=[0, 67, 2, 72, 23, 32, 42, 61, 73, 31, 56, 78, 0], Distance=237.90, RemCap=308.0

Vehicle 3: Route=[0, 66, 45, 14, 76, 5, 25, 46, 50, 70, 0], Distance=219.82, RemCap=329.0

Vehicle 4: Route=[0, 63, 41, 48, 29, 53, 75, 77, 57, 0], Distance=239.82, RemCap=347.0

Vehicle 5: Route=[0, 55, 80, 71, 44, 20, 52, 62, 0], Distance=208.64, RemCap=336.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36711.13

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Ep 28/50 | Reward 5550.11 | Loss 943219533.73 | Dist 1403.54 | Vehl 6

Vehicle 0: Route=[0, 38, 13, 11, 10, 9, 37, 45, 15, 16, 17, 18, 29, 60, 32, 40, 21, 23, 24, 22, 36, 1, 3, 25, 49, 26, 44, 74, 7, 64, 69, 62, 0], Distance=296.49, RemCap=14.0

Vehicle 1: Route=[0, 2, 27, 8, 56, 34, 75, 53, 54, 48, 39, 76, 65, 0], Distance=208.23, RemCap=305.0

Vehicle 2: Route=[0, 20, 70, 14, 52, 30, 59, 33, 71, 6, 58, 77, 0], Distance=231.90, RemCap=212.0

Vehicle 3: Route=[0, 43, 67, 4, 63, 35, 47, 31, 61, 28, 66, 0], Distance=188.31, RemCap=310.0

Vehicle 4: Route=[0, 80, 5, 78, 57, 68, 12, 51, 50, 41, 0], Distance=249.57, RemCap=348.0

Vehicle 5: Route=[0, 79, 72, 46, 19, 42, 73, 55, 0], Distance=229.05, RemCap=372.0

Total vehicle waiting time = 181.66

Total customer waiting time = 39374.75

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Ep 29/50 | Reward 5349.90 | Loss 875943378.85 | Dist 1539.67 | Vehl 6

Vehicle 0: Route=[0, 55, 31, 34, 58, 27, 35, 5, 26, 25, 4, 1, 22, 21, 50, 36, 39, 19, 17, 16, 14, 48, 18, 29, 9, 28, 12, 10, 42, 0], Distance=330.36, RemCap=8.0

Vehicle 1: Route=[0, 62, 33, 13, 53, 30, 45, 76, 41, 20, 24, 2, 63, 74, 64, 0], Distance=254.46, RemCap=256.0

Vehicle 2: Route=[0, 79, 46, 43, 40, 54, 57, 38, 11, 68, 73, 8, 6, 80, 0], Distance=213.14, RemCap=287.0

Vehicle 3: Route=[0, 65, 47, 72, 3, 32, 15, 52, 75, 77, 78, 0], Distance=265.15, RemCap=321.0

Vehicle 4: Route=[0, 61, 59, 37, 60, 23, 44, 69, 71, 67, 0], Distance=240.86, RemCap=317.0

Vehicle 5: Route=[0, 56, 7, 49, 70, 66, 51, 0], Distance=235.70, RemCap=372.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42358.38

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Ep 30/50 | Reward 6312.17 | Loss 1350142279.67 | Dist 1416.53 | Vehl 6

Vehicle 0: Route=[0, 40, 70, 23, 36, 2, 3, 4, 26, 5, 35, 27, 7, 6, 31, 33, 13, 61, 10, 12, 28, 9, 37, 18, 14, 16, 17, 19, 29, 42, 0], Distance=291.57, RemCap=1.0

Vehicle 1: Route=[0, 65, 15, 39, 32, 43, 21, 46, 22, 79, 77, 69, 56, 63, 49, 0], Distance=247.67, RemCap=226.0

Vehicle 2: Route=[0, 80, 24, 1, 72, 44, 71, 55, 11, 60, 76, 51, 0], Distance=263.87, RemCap=340.0

Vehicle 3: Route=[0, 54, 48, 30, 38, 75, 34, 78, 74, 67, 20, 50, 41, 0], Distance=262.28, RemCap=247.0

Vehicle 4: Route=[0, 25, 58, 64, 68, 52, 53, 57, 0], Distance=161.12, RemCap=366.0

Vehicle 5: Route=[0, 66, 45, 59, 73, 62, 8, 47, 0], Distance=190.02, RemCap=381.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36208.20

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Ep 31/50 | Reward 5936.47 | Loss 1105131620.21 | Dist 1435.02 | Vehl 6

Vehicle 0: Route=[0, 36, 32, 40, 21, 24, 23, 1, 3, 25, 26, 72, 5, 2, 35, 71, 6, 7, 77, 34, 31, 59, 12, 9, 10, 30, 29, 16, 14, 15, 48, 0], Distance=310.43, RemCap=4.0

Vehicle 1: Route=[0, 8, 27, 44, 67, 46, 76, 60, 54, 42, 19, 37, 11, 38, 65, 0], Distance=265.65, RemCap=278.0

Vehicle 2: Route=[0, 55, 33, 73, 28, 52, 66, 17, 70, 49, 63, 80, 0], Distance=239.01, RemCap=268.0

Vehicle 3: Route=[0, 50, 20, 39, 51, 45, 61, 13, 69, 74, 58, 0], Distance=230.30, RemCap=249.0

Vehicle 4: Route=[0, 79, 41, 4, 78, 56, 64, 68, 57, 0], Distance=180.13, RemCap=373.0

Vehicle 5: Route=[0, 47, 22, 43, 18, 53, 62, 75, 0], Distance=209.50, RemCap=389.0

Total vehicle waiting time = 181.66

Total customer waiting time = 39514.14

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Ep 32/50 | Reward 5662.61 | Loss 1000334637.77 | Dist 1410.56 | Vehl 6

Vehicle 0: Route=[0, 79, 2, 26, 25, 4, 3, 1, 24, 21, 40, 32, 76, 42, 29, 16, 14, 18, 45, 37, 30, 28, 10, 11, 33, 31, 34, 56, 8, 27, 7, 71, 55, 57, 0], Distance=317.88, RemCap=1.0

Vehicle 1: Route=[0, 50, 46, 80, 5, 35, 6, 77, 68, 59, 9, 17, 48, 0], Distance=255.52, RemCap=247.0

Vehicle 2: Route=[0, 54, 53, 13, 66, 19, 39, 70, 72, 44, 78, 0], Distance=236.30, RemCap=312.0

Vehicle 3: Route=[0, 38, 47, 67, 43, 41, 20, 51, 15, 12, 73, 58, 69, 0], Distance=251.55, RemCap=265.0

Vehicle 4: Route=[0, 36, 23, 22, 52, 75, 62, 64, 0], Distance=202.33, RemCap=385.0

Vehicle 5: Route=[0, 49, 63, 74, 61, 60, 65, 0], Distance=146.98, RemCap=351.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41984.75

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Ep 33/50 | Reward 6154.44 | Loss 1264525928.75 | Dist 1456.97 | Vehl 6

Vehicle 0: Route=[0, 32, 29, 19, 16, 15, 18, 45, 37, 30, 53, 38, 13, 68, 9, 12, 33, 56, 8, 27, 7, 5, 4, 3, 1, 23, 24, 40, 21, 20, 46, 0], Distance=343.27, RemCap=5.0

Vehicle 1: Route=[0, 47, 35, 74, 63, 25, 2, 79, 65, 17, 14, 11, 59, 73, 64, 78, 0], Distance=274.93, RemCap=216.0

Vehicle 2: Route=[0, 76, 39, 48, 42, 66, 54, 61, 6, 71, 26, 22, 50, 70, 0], Distance=256.16, RemCap=298.0

Vehicle 3: Route=[0, 57, 10, 75, 31, 77, 44, 36, 43, 41, 49, 0], Distance=227.24, RemCap=282.0

Vehicle 4: Route=[0, 28, 34, 58, 62, 55, 72, 67, 0], Distance=176.34, RemCap=356.0

Vehicle 5: Route=[0, 80, 60, 51, 52, 69, 0], Distance=179.04, RemCap=404.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38866.19

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Ep 34/50 | Reward 6336.96 | Loss 1315542512.89 | Dist 1462.26 | Vehl 6

Vehicle 0: Route=[0, 32, 23, 20, 21, 40, 39, 17, 16, 15, 29, 37, 30, 28, 10, 11, 13, 33, 6, 8, 27, 7, 35, 5, 4, 3, 1, 2, 38, 0], Distance=308.96, RemCap=11.0

Vehicle 1: Route=[0, 74, 44, 26, 49, 22, 50, 43, 36, 76, 60, 19, 14, 18, 42, 68, 54, 0], Distance=248.61, RemCap=210.0

Vehicle 2: Route=[0, 55, 53, 51, 52, 34, 31, 62, 71, 63, 72, 25, 70, 0], Distance=287.45, RemCap=303.0

Vehicle 3: Route=[0, 46, 47, 77, 58, 73, 12, 9, 45, 65, 57, 0], Distance=237.82, RemCap=305.0

Vehicle 4: Route=[0, 80, 79, 48, 61, 75, 64, 78, 0], Distance=195.79, RemCap=363.0

Vehicle 5: Route=[0, 56, 69, 59, 66, 41, 24, 67, 0], Distance=183.62, RemCap=369.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38108.29

--------------------------------------------------

Ep 35/50 | Reward 5697.87 | Loss 1012159607.16 | Dist 1391.53 | Vehl 6

Vehicle 0: Route=[0, 32, 40, 43, 50, 21, 23, 24, 22, 2, 25, 26, 5, 35, 71, 6, 27, 78, 8, 34, 31, 62, 13, 11, 28, 30, 66, 29, 18, 14, 17, 39, 76, 0], Distance=318.84, RemCap=3.0

Vehicle 1: Route=[0, 38, 57, 68, 10, 9, 77, 58, 7, 47, 36, 70, 1, 49, 0], Distance=222.45, RemCap=210.0

Vehicle 2: Route=[0, 79, 63, 33, 61, 59, 12, 37, 45, 15, 51, 16, 53, 0], Distance=207.90, RemCap=283.0

Vehicle 3: Route=[0, 55, 3, 72, 44, 64, 73, 52, 19, 65, 0], Distance=213.56, RemCap=332.0

Vehicle 4: Route=[0, 60, 48, 54, 69, 4, 41, 80, 0], Distance=226.63, RemCap=396.0

Vehicle 5: Route=[0, 74, 56, 75, 42, 20, 46, 67, 0], Distance=202.14, RemCap=337.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40094.99

--------------------------------------------------

Ep 36/50 | Reward 5712.33 | Loss 1022568588.62 | Dist 1548.47 | Vehl 6

Vehicle 0: Route=[0, 1, 4, 25, 5, 6, 8, 34, 31, 33, 13, 28, 9, 30, 37, 18, 14, 51, 16, 17, 19, 29, 42, 39, 40, 21, 20, 23, 36, 53, 0], Distance=335.01, RemCap=9.0

Vehicle 1: Route=[0, 65, 57, 11, 68, 59, 15, 50, 32, 79, 80, 35, 7, 74, 44, 2, 49, 0], Distance=276.56, RemCap=174.0

Vehicle 2: Route=[0, 26, 77, 62, 12, 10, 54, 48, 76, 43, 0], Distance=238.88, RemCap=343.0

Vehicle 3: Route=[0, 55, 71, 27, 58, 61, 52, 70, 41, 24, 3, 67, 0], Distance=223.70, RemCap=274.0

Vehicle 4: Route=[0, 22, 46, 72, 47, 56, 69, 66, 73, 0], Distance=239.73, RemCap=366.0

Vehicle 5: Route=[0, 60, 45, 38, 63, 78, 75, 64, 0], Distance=234.58, RemCap=395.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40159.41

--------------------------------------------------

Ep 37/50 | Reward 5973.64 | Loss 1130020492.21 | Dist 1376.19 | Vehl 6

Vehicle 0: Route=[0, 62, 31, 33, 53, 11, 12, 28, 37, 15, 14, 16, 17, 19, 40, 20, 23, 24, 1, 3, 4, 26, 5, 2, 80, 35, 6, 7, 27, 8, 56, 0], Distance=310.18, RemCap=5.0

Vehicle 1: Route=[0, 57, 54, 18, 48, 9, 73, 34, 38, 47, 72, 21, 43, 32, 76, 65, 0], Distance=281.91, RemCap=292.0

Vehicle 2: Route=[0, 44, 67, 36, 39, 42, 29, 45, 52, 68, 59, 13, 61, 0], Distance=204.38, RemCap=260.0

Vehicle 3: Route=[0, 55, 63, 25, 22, 50, 70, 51, 66, 30, 10, 69, 77, 78, 0], Distance=258.79, RemCap=216.0

Vehicle 4: Route=[0, 71, 79, 60, 46, 0], Distance=129.88, RemCap=435.0

Vehicle 5: Route=[0, 75, 64, 58, 74, 41, 49, 0], Distance=191.04, RemCap=353.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40083.17

--------------------------------------------------

Ep 38/50 | Reward 6247.96 | Loss 1267151995.71 | Dist 1428.97 | Vehl 6

Vehicle 0: Route=[0, 36, 22, 20, 21, 40, 39, 16, 15, 18, 19, 29, 37, 30, 9, 10, 11, 33, 31, 34, 8, 27, 7, 6, 74, 5, 26, 3, 2, 71, 80, 0], Distance=310.81, RemCap=1.0

Vehicle 1: Route=[0, 55, 49, 25, 4, 44, 35, 69, 68, 28, 14, 76, 32, 50, 46, 79, 65, 0], Distance=283.62, RemCap=173.0

Vehicle 2: Route=[0, 67, 23, 43, 17, 45, 12, 13, 75, 58, 62, 57, 0], Distance=230.65, RemCap=296.0

Vehicle 3: Route=[0, 38, 73, 61, 66, 42, 51, 24, 1, 72, 63, 47, 78, 0], Distance=272.85, RemCap=297.0

Vehicle 4: Route=[0, 53, 52, 59, 77, 64, 0], Distance=130.92, RemCap=382.0

Vehicle 5: Route=[0, 56, 54, 60, 48, 41, 70, 0], Distance=200.13, RemCap=412.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40109.23

--------------------------------------------------

Ep 39/50 | Reward 5687.49 | Loss 981767813.31 | Dist 1522.05 | Vehl 6

Vehicle 0: Route=[0, 36, 22, 20, 21, 32, 42, 16, 15, 37, 13, 10, 12, 73, 33, 31, 77, 58, 8, 27, 7, 6, 35, 5, 26, 25, 3, 1, 2, 55, 57, 0], Distance=331.04, RemCap=3.0

Vehicle 1: Route=[0, 38, 53, 11, 52, 66, 14, 19, 29, 60, 40, 46, 23, 67, 80, 74, 44, 49, 0], Distance=268.44, RemCap=115.0

Vehicle 2: Route=[0, 47, 4, 24, 41, 76, 17, 28, 68, 69, 78, 71, 65, 54, 0], Distance=282.72, RemCap=321.0

Vehicle 3: Route=[0, 63, 43, 39, 48, 30, 61, 75, 34, 56, 64, 0], Distance=234.07, RemCap=308.0

Vehicle 4: Route=[0, 62, 59, 9, 50, 51, 45, 0], Distance=214.49, RemCap=375.0

Vehicle 5: Route=[0, 72, 79, 18, 70, 0], Distance=191.29, RemCap=439.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41229.34

--------------------------------------------------

Ep 40/50 | Reward 6041.87 | Loss 1146672610.97 | Dist 1423.15 | Vehl 6

Vehicle 0: Route=[0, 38, 31, 34, 8, 27, 7, 74, 35, 5, 72, 26, 4, 1, 80, 79, 22, 23, 21, 40, 17, 15, 18, 19, 29, 37, 66, 11, 13, 10, 28, 12, 73, 0], Distance=352.04, RemCap=2.0

Vehicle 1: Route=[0, 32, 50, 20, 3, 2, 55, 69, 75, 33, 30, 48, 51, 16, 42, 76, 54, 0], Distance=292.33, RemCap=200.0

Vehicle 2: Route=[0, 6, 58, 53, 59, 9, 45, 14, 60, 46, 43, 0], Distance=234.92, RemCap=274.0

Vehicle 3: Route=[0, 47, 71, 78, 64, 62, 61, 52, 39, 36, 67, 0], Distance=183.61, RemCap=314.0

Vehicle 4: Route=[0, 57, 56, 41, 24, 63, 25, 49, 0], Distance=175.82, RemCap=374.0

Vehicle 5: Route=[0, 70, 44, 77, 68, 65, 0], Distance=184.42, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40133.85

--------------------------------------------------

Ep 41/50 | Reward 5781.40 | Loss 1054815198.18 | Dist 1431.07 | Vehl 6

Vehicle 0: Route=[0, 38, 6, 7, 8, 34, 31, 33, 10, 28, 9, 30, 37, 15, 14, 39, 32, 36, 50, 21, 20, 23, 1, 3, 26, 63, 2, 35, 71, 0], Distance=316.33, RemCap=3.0

Vehicle 1: Route=[0, 55, 80, 47, 27, 78, 12, 13, 53, 60, 17, 70, 46, 24, 40, 76, 0], Distance=251.71, RemCap=271.0

Vehicle 2: Route=[0, 67, 72, 4, 22, 41, 43, 19, 57, 62, 11, 59, 73, 75, 0], Distance=260.03, RemCap=279.0

Vehicle 3: Route=[0, 29, 51, 18, 66, 52, 68, 54, 69, 49, 25, 5, 44, 0], Distance=253.32, RemCap=242.0

Vehicle 4: Route=[0, 74, 58, 42, 16, 45, 61, 0], Distance=185.88, RemCap=370.0

Vehicle 5: Route=[0, 65, 48, 79, 77, 56, 64, 0], Distance=163.81, RemCap=396.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42650.81

--------------------------------------------------

Ep 42/50 | Reward 6049.49 | Loss 1157674720.10 | Dist 1391.53 | Vehl 6

Vehicle 0: Route=[0, 31, 33, 13, 12, 10, 30, 66, 37, 18, 48, 15, 14, 17, 19, 29, 42, 32, 40, 21, 70, 23, 24, 1, 3, 4, 25, 26, 5, 6, 7, 27, 64, 0], Distance=305.09, RemCap=4.0

Vehicle 1: Route=[0, 55, 62, 58, 8, 34, 61, 16, 41, 46, 36, 79, 2, 63, 49, 0], Distance=266.89, RemCap=169.0

Vehicle 2: Route=[0, 77, 44, 72, 67, 20, 45, 9, 28, 11, 54, 0], Distance=243.47, RemCap=298.0

Vehicle 3: Route=[0, 65, 51, 57, 75, 78, 69, 0], Distance=195.31, RemCap=391.0

Vehicle 4: Route=[0, 80, 35, 74, 59, 52, 76, 39, 43, 22, 50, 0], Distance=196.41, RemCap=302.0

Vehicle 5: Route=[0, 47, 71, 56, 38, 60, 53, 68, 73, 0], Distance=184.35, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38052.23

--------------------------------------------------

Ep 43/50 | Reward 6385.23 | Loss 1327891568.02 | Dist 1436.79 | Vehl 6

Vehicle 0: Route=[0, 36, 32, 40, 39, 19, 17, 16, 14, 15, 37, 30, 9, 28, 12, 10, 11, 13, 33, 31, 34, 8, 27, 35, 5, 26, 4, 3, 23, 20, 22, 0], Distance=306.00, RemCap=6.0

Vehicle 1: Route=[0, 76, 29, 18, 48, 52, 59, 54, 57, 55, 7, 74, 72, 25, 1, 49, 0], Distance=243.13, RemCap=207.0

Vehicle 2: Route=[0, 53, 66, 60, 50, 80, 44, 56, 73, 64, 0], Distance=245.11, RemCap=343.0

Vehicle 3: Route=[0, 65, 42, 45, 24, 2, 47, 71, 6, 58, 75, 68, 0], Distance=241.46, RemCap=320.0

Vehicle 4: Route=[0, 61, 62, 69, 79, 41, 21, 46, 63, 0], Distance=192.03, RemCap=334.0

Vehicle 5: Route=[0, 78, 77, 38, 51, 70, 43, 67, 0], Distance=209.06, RemCap=351.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38489.87

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Ep 44/50 | Reward 5996.25 | Loss 1156562318.37 | Dist 1464.64 | Vehl 6

Vehicle 0: Route=[0, 38, 33, 13, 68, 10, 28, 12, 75, 34, 31, 7, 71, 35, 72, 26, 4, 3, 1, 2, 22, 50, 40, 32, 39, 60, 29, 18, 15, 14, 37, 66, 0], Distance=332.09, RemCap=16.0

Vehicle 1: Route=[0, 11, 59, 9, 48, 17, 20, 41, 44, 78, 69, 74, 67, 0], Distance=277.90, RemCap=240.0

Vehicle 2: Route=[0, 27, 8, 56, 58, 77, 57, 61, 52, 16, 23, 76, 0], Distance=233.81, RemCap=260.0

Vehicle 3: Route=[0, 65, 30, 47, 36, 46, 70, 0], Distance=152.63, RemCap=390.0

Vehicle 4: Route=[0, 79, 49, 25, 21, 51, 19, 42, 73, 62, 6, 64, 0], Distance=270.91, RemCap=314.0

Vehicle 5: Route=[0, 80, 63, 5, 55, 53, 54, 45, 24, 43, 0], Distance=197.29, RemCap=341.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37901.09

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Ep 45/50 | Reward 5946.98 | Loss 1113637340.99 | Dist 1408.88 | Vehl 6

Vehicle 0: Route=[0, 36, 22, 24, 21, 50, 32, 19, 17, 16, 14, 15, 48, 18, 37, 30, 11, 10, 9, 28, 12, 75, 34, 31, 62, 7, 27, 2, 3, 4, 26, 44, 0], Distance=322.65, RemCap=3.0

Vehicle 1: Route=[0, 79, 67, 23, 1, 25, 74, 8, 33, 68, 53, 66, 45, 51, 29, 54, 0], Distance=262.70, RemCap=212.0

Vehicle 2: Route=[0, 76, 39, 41, 46, 72, 78, 13, 61, 55, 47, 0], Distance=212.96, RemCap=317.0

Vehicle 3: Route=[0, 57, 58, 6, 71, 5, 40, 42, 52, 0], Distance=196.04, RemCap=357.0

Vehicle 4: Route=[0, 65, 38, 73, 69, 77, 56, 35, 63, 43, 70, 0], Distance=203.96, RemCap=317.0

Vehicle 5: Route=[0, 80, 49, 20, 60, 59, 64, 0], Distance=210.58, RemCap=355.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39103.63

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Ep 46/50 | Reward 5255.22 | Loss 813734236.26 | Dist 1525.09 | Vehl 6

Vehicle 0: Route=[0, 38, 36, 20, 70, 39, 60, 29, 19, 16, 14, 15, 18, 37, 9, 11, 13, 31, 34, 7, 6, 71, 35, 5, 2, 1, 4, 26, 49, 0], Distance=325.67, RemCap=12.0

Vehicle 1: Route=[0, 54, 66, 10, 28, 52, 45, 32, 40, 41, 3, 25, 44, 47, 77, 64, 75, 0], Distance=300.89, RemCap=209.0

Vehicle 2: Route=[0, 78, 56, 69, 33, 59, 68, 61, 57, 17, 21, 23, 67, 0], Distance=239.83, RemCap=248.0

Vehicle 3: Route=[0, 79, 24, 72, 63, 74, 27, 8, 53, 65, 51, 30, 73, 0], Distance=302.93, RemCap=306.0

Vehicle 4: Route=[0, 62, 58, 80, 46, 48, 0], Distance=184.75, RemCap=389.0

Vehicle 5: Route=[0, 55, 43, 22, 50, 76, 12, 42, 0], Distance=171.02, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45834.66

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Ep 47/50 | Reward 6027.49 | Loss 1152451548.60 | Dist 1444.87 | Vehl 6

Vehicle 0: Route=[0, 53, 33, 31, 6, 7, 27, 74, 35, 5, 4, 3, 2, 36, 24, 21, 40, 32, 39, 19, 17, 16, 14, 18, 45, 29, 37, 30, 11, 9, 28, 68, 0], Distance=326.13, RemCap=11.0

Vehicle 1: Route=[0, 47, 49, 78, 8, 69, 34, 59, 12, 10, 15, 41, 76, 66, 54, 0], Distance=285.60, RemCap=222.0

Vehicle 2: Route=[0, 65, 48, 52, 77, 80, 44, 63, 26, 23, 20, 70, 0], Distance=257.17, RemCap=260.0

Vehicle 3: Route=[0, 79, 43, 50, 22, 25, 72, 75, 73, 13, 38, 57, 0], Distance=193.37, RemCap=330.0

Vehicle 4: Route=[0, 1, 46, 60, 61, 56, 58, 62, 0], Distance=202.56, RemCap=326.0

Vehicle 5: Route=[0, 42, 51, 67, 55, 71, 64, 0], Distance=180.05, RemCap=412.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41592.19

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Ep 48/50 | Reward 5663.83 | Loss 964699187.35 | Dist 1406.03 | Vehl 6

Vehicle 0: Route=[0, 65, 37, 18, 14, 16, 29, 60, 39, 32, 40, 21, 23, 22, 36, 67, 2, 1, 3, 25, 26, 35, 74, 8, 31, 33, 73, 12, 28, 68, 13, 61, 0], Distance=340.42, RemCap=25.0

Vehicle 1: Route=[0, 43, 4, 72, 47, 71, 11, 9, 59, 69, 64, 77, 7, 44, 0], Distance=240.91, RemCap=266.0

Vehicle 2: Route=[0, 55, 27, 5, 20, 70, 51, 48, 19, 30, 57, 54, 0], Distance=232.74, RemCap=269.0

Vehicle 3: Route=[0, 52, 34, 78, 6, 79, 41, 50, 46, 0], Distance=199.85, RemCap=319.0

Vehicle 4: Route=[0, 80, 38, 75, 45, 15, 17, 76, 24, 63, 49, 0], Distance=249.17, RemCap=335.0

Vehicle 5: Route=[0, 56, 58, 62, 10, 53, 42, 66, 0], Distance=142.93, RemCap=347.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40635.80

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Ep 49/50 | Reward 6280.69 | Loss 1279186618.28 | Dist 1443.42 | Vehl 6

Vehicle 0: Route=[0, 32, 39, 17, 14, 15, 18, 19, 30, 9, 28, 12, 10, 13, 31, 34, 8, 27, 7, 6, 35, 5, 2, 25, 3, 1, 23, 21, 20, 0], Distance=300.10, RemCap=2.0

Vehicle 1: Route=[0, 65, 51, 16, 33, 75, 58, 77, 55, 47, 4, 67, 36, 22, 24, 70, 43, 0], Distance=289.17, RemCap=186.0

Vehicle 2: Route=[0, 38, 71, 62, 61, 11, 59, 37, 45, 29, 42, 66, 40, 46, 0], Distance=220.40, RemCap=279.0

Vehicle 3: Route=[0, 80, 63, 72, 69, 57, 60, 54, 73, 0], Distance=205.47, RemCap=383.0

Vehicle 4: Route=[0, 53, 68, 76, 50, 41, 26, 74, 78, 0], Distance=195.90, RemCap=373.0

Vehicle 5: Route=[0, 48, 52, 64, 56, 79, 49, 44, 0], Distance=232.39, RemCap=338.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35642.43

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Ep 50/50 | Reward 6605.89 | Loss 1459385458.80 | Dist 1385.21 | Vehl 6

Vehicle 0: Route=[0, 32, 40, 21, 70, 23, 24, 3, 4, 26, 2, 35, 6, 7, 27, 8, 34, 31, 33, 11, 10, 9, 37, 18, 14, 16, 17, 19, 29, 39, 42, 0], Distance=317.88, RemCap=1.0

Vehicle 1: Route=[0, 66, 28, 12, 75, 56, 47, 44, 5, 1, 67, 80, 36, 22, 41, 20, 50, 0], Distance=256.82, RemCap=195.0

Vehicle 2: Route=[0, 71, 74, 78, 64, 38, 13, 59, 30, 48, 15, 43, 46, 49, 0], Distance=273.26, RemCap=253.0

Vehicle 3: Route=[0, 55, 25, 72, 58, 69, 53, 60, 76, 0], Distance=151.59, RemCap=364.0

Vehicle 4: Route=[0, 63, 62, 54, 51, 52, 61, 68, 0], Distance=205.71, RemCap=345.0

Vehicle 5: Route=[0, 79, 77, 73, 45, 57, 65, 0], Distance=179.95, RemCap=403.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37542.04

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--- Training with max\_vehicles = 7 ---

Ep 1/50 | Reward 5605.65 | Loss 1079801211.20 | Dist 1517.52 | Vehl 7

Vehicle 0: Route=[0, 54, 33, 13, 11, 28, 37, 18, 15, 14, 17, 19, 29, 42, 60, 32, 40, 20, 41, 24, 22, 36, 1, 3, 26, 5, 35, 78, 8, 7, 58, 64, 0], Distance=324.32, RemCap=0.0

Vehicle 1: Route=[0, 65, 66, 9, 34, 6, 55, 80, 2, 49, 4, 67, 23, 43, 76, 0], Distance=232.92, RemCap=211.0

Vehicle 2: Route=[0, 56, 27, 44, 72, 25, 39, 16, 45, 53, 68, 75, 0], Distance=263.75, RemCap=339.0

Vehicle 3: Route=[0, 51, 48, 30, 38, 71, 69, 0], Distance=164.98, RemCap=410.0

Vehicle 4: Route=[0, 52, 10, 12, 31, 74, 47, 63, 70, 79, 0], Distance=214.68, RemCap=309.0

Vehicle 5: Route=[0, 46, 50, 57, 61, 62, 0], Distance=133.75, RemCap=369.0

Vehicle 6: Route=[0, 21, 77, 59, 73, 0], Distance=183.12, RemCap=423.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38184.08

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Ep 2/50 | Reward 6040.35 | Loss 1289183305.24 | Dist 1646.74 | Vehl 7

Vehicle 0: Route=[0, 79, 67, 24, 23, 1, 5, 47, 35, 7, 27, 8, 34, 31, 38, 33, 13, 12, 28, 10, 11, 30, 37, 66, 76, 40, 39, 29, 17, 16, 15, 18, 45, 0], Distance=367.17, RemCap=11.0

Vehicle 1: Route=[0, 55, 74, 26, 25, 3, 46, 36, 32, 51, 60, 57, 9, 75, 0], Distance=292.00, RemCap=276.0

Vehicle 2: Route=[0, 54, 14, 21, 70, 20, 50, 41, 4, 2, 69, 64, 78, 0], Distance=237.95, RemCap=241.0

Vehicle 3: Route=[0, 65, 42, 19, 22, 77, 58, 59, 68, 0], Distance=214.79, RemCap=334.0

Vehicle 4: Route=[0, 43, 48, 53, 61, 6, 80, 72, 0], Distance=231.87, RemCap=367.0

Vehicle 5: Route=[0, 63, 44, 71, 52, 0], Distance=140.09, RemCap=414.0

Vehicle 6: Route=[0, 49, 62, 73, 56, 0], Distance=162.86, RemCap=418.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38996.88

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Ep 3/50 | Reward 6182.39 | Loss 1364101762.69 | Dist 1623.96 | Vehl 7

Vehicle 0: Route=[0, 40, 20, 24, 36, 1, 3, 4, 26, 2, 5, 35, 6, 7, 27, 34, 33, 54, 11, 12, 9, 52, 30, 37, 18, 14, 16, 17, 29, 60, 0], Distance=335.31, RemCap=0.0

Vehicle 1: Route=[0, 57, 10, 28, 66, 39, 43, 41, 25, 67, 80, 8, 78, 0], Distance=232.25, RemCap=283.0

Vehicle 2: Route=[0, 38, 13, 73, 77, 55, 32, 45, 51, 70, 63, 0], Distance=287.61, RemCap=324.0

Vehicle 3: Route=[0, 47, 50, 21, 15, 48, 53, 31, 68, 59, 0], Distance=224.05, RemCap=361.0

Vehicle 4: Route=[0, 76, 46, 23, 22, 44, 56, 62, 71, 0], Distance=169.59, RemCap=367.0

Vehicle 5: Route=[0, 65, 19, 61, 49, 64, 58, 0], Distance=209.59, RemCap=327.0

Vehicle 6: Route=[0, 79, 72, 74, 69, 75, 42, 0], Distance=165.55, RemCap=399.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37212.03

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Ep 4/50 | Reward 5629.51 | Loss 1044207691.79 | Dist 1566.11 | Vehl 7

Vehicle 0: Route=[0, 36, 32, 39, 29, 19, 17, 16, 40, 21, 20, 23, 24, 1, 4, 26, 72, 35, 71, 6, 27, 69, 75, 12, 28, 9, 10, 66, 38, 57, 0], Distance=321.91, RemCap=1.0

Vehicle 1: Route=[0, 80, 3, 25, 2, 77, 34, 33, 13, 61, 54, 52, 37, 45, 51, 0], Distance=243.62, RemCap=226.0

Vehicle 2: Route=[0, 22, 18, 30, 68, 11, 31, 58, 56, 47, 55, 0], Distance=199.96, RemCap=332.0

Vehicle 3: Route=[0, 48, 49, 63, 5, 44, 7, 74, 0], Distance=185.98, RemCap=343.0

Vehicle 4: Route=[0, 8, 67, 79, 60, 14, 76, 43, 70, 0], Distance=234.64, RemCap=354.0

Vehicle 5: Route=[0, 65, 15, 53, 59, 64, 0], Distance=176.13, RemCap=420.0

Vehicle 6: Route=[0, 41, 46, 50, 42, 73, 62, 78, 0], Distance=203.88, RemCap=385.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39544.77

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Ep 5/50 | Reward 6340.47 | Loss 1463144729.86 | Dist 1553.73 | Vehl 7

Vehicle 0: Route=[0, 32, 40, 21, 50, 22, 23, 1, 3, 72, 5, 2, 35, 71, 6, 7, 27, 8, 34, 31, 38, 11, 12, 28, 9, 30, 37, 29, 19, 17, 16, 15, 18, 45, 0], Distance=325.83, RemCap=1.0

Vehicle 1: Route=[0, 60, 10, 77, 55, 80, 67, 36, 43, 70, 24, 4, 49, 0], Distance=233.10, RemCap=236.0

Vehicle 2: Route=[0, 79, 44, 46, 20, 76, 14, 54, 13, 53, 0], Distance=238.37, RemCap=300.0

Vehicle 3: Route=[0, 39, 42, 52, 61, 75, 64, 78, 0], Distance=160.97, RemCap=362.0

Vehicle 4: Route=[0, 74, 25, 65, 48, 66, 57, 33, 73, 59, 0], Distance=248.52, RemCap=346.0

Vehicle 5: Route=[0, 68, 58, 63, 26, 41, 47, 0], Distance=187.98, RemCap=391.0

Vehicle 6: Route=[0, 56, 69, 62, 51, 0], Distance=158.95, RemCap=425.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36441.06

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Ep 6/50 | Reward 5954.98 | Loss 1172875466.50 | Dist 1512.62 | Vehl 7

Vehicle 0: Route=[0, 47, 35, 5, 2, 26, 1, 23, 21, 32, 76, 39, 16, 18, 19, 29, 37, 30, 11, 13, 10, 9, 28, 12, 73, 34, 8, 7, 6, 58, 0], Distance=308.08, RemCap=0.0

Vehicle 1: Route=[0, 64, 62, 53, 66, 42, 17, 20, 43, 36, 3, 25, 67, 0], Distance=234.16, RemCap=305.0

Vehicle 2: Route=[0, 52, 45, 48, 15, 14, 70, 49, 78, 27, 69, 0], Distance=234.66, RemCap=299.0

Vehicle 3: Route=[0, 38, 57, 68, 56, 44, 22, 24, 46, 60, 0], Distance=205.65, RemCap=349.0

Vehicle 4: Route=[0, 79, 40, 41, 80, 71, 59, 61, 0], Distance=160.58, RemCap=370.0

Vehicle 5: Route=[0, 31, 75, 77, 55, 4, 63, 0], Distance=150.21, RemCap=380.0

Vehicle 6: Route=[0, 65, 33, 54, 51, 50, 72, 74, 0], Distance=219.28, RemCap=358.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38538.93

--------------------------------------------------

Ep 7/50 | Reward 6336.09 | Loss 1445601200.26 | Dist 1572.58 | Vehl 7

Vehicle 0: Route=[0, 38, 7, 27, 8, 69, 34, 31, 33, 13, 11, 12, 28, 9, 30, 37, 18, 16, 19, 29, 41, 21, 20, 23, 22, 36, 2, 1, 4, 49, 0], Distance=315.35, RemCap=5.0

Vehicle 1: Route=[0, 3, 40, 17, 45, 60, 57, 54, 66, 52, 10, 61, 0], Distance=232.68, RemCap=279.0

Vehicle 2: Route=[0, 42, 48, 14, 32, 46, 72, 44, 35, 6, 56, 62, 0], Distance=230.75, RemCap=299.0

Vehicle 3: Route=[0, 26, 5, 71, 59, 65, 39, 50, 43, 0], Distance=201.70, RemCap=358.0

Vehicle 4: Route=[0, 73, 78, 55, 80, 63, 25, 24, 79, 0], Distance=196.52, RemCap=369.0

Vehicle 5: Route=[0, 53, 68, 58, 47, 70, 15, 51, 0], Distance=234.18, RemCap=364.0

Vehicle 6: Route=[0, 76, 67, 74, 77, 75, 64, 0], Distance=161.39, RemCap=387.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33436.01

--------------------------------------------------

Ep 8/50 | Reward 5880.68 | Loss 1182847280.36 | Dist 1477.01 | Vehl 7

Vehicle 0: Route=[0, 67, 5, 26, 4, 1, 23, 20, 36, 32, 40, 39, 16, 14, 15, 17, 42, 37, 30, 28, 12, 10, 11, 53, 38, 31, 34, 35, 6, 8, 56, 0], Distance=378.14, RemCap=0.0

Vehicle 1: Route=[0, 33, 73, 13, 52, 18, 48, 51, 76, 70, 24, 3, 72, 2, 80, 0], Distance=249.07, RemCap=290.0

Vehicle 2: Route=[0, 79, 19, 21, 25, 49, 63, 77, 64, 58, 0], Distance=206.06, RemCap=289.0

Vehicle 3: Route=[0, 22, 46, 65, 66, 57, 7, 27, 78, 69, 0], Distance=174.01, RemCap=353.0

Vehicle 4: Route=[0, 43, 60, 29, 9, 75, 47, 44, 74, 0], Distance=216.33, RemCap=325.0

Vehicle 5: Route=[0, 45, 59, 68, 61, 71, 55, 0], Distance=145.78, RemCap=378.0

Vehicle 6: Route=[0, 41, 50, 54, 62, 0], Distance=107.62, RemCap=426.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38732.58

--------------------------------------------------

Ep 9/50 | Reward 6012.33 | Loss 1278961975.44 | Dist 1530.99 | Vehl 7

Vehicle 0: Route=[0, 79, 36, 40, 21, 20, 46, 23, 24, 1, 3, 4, 25, 26, 5, 7, 27, 56, 71, 38, 31, 33, 13, 10, 12, 28, 9, 37, 18, 15, 17, 19, 42, 0], Distance=297.15, RemCap=6.0

Vehicle 1: Route=[0, 57, 59, 54, 39, 32, 67, 2, 49, 35, 6, 58, 64, 77, 0], Distance=201.67, RemCap=195.0

Vehicle 2: Route=[0, 8, 78, 44, 80, 43, 76, 29, 11, 68, 0], Distance=206.35, RemCap=341.0

Vehicle 3: Route=[0, 70, 51, 16, 48, 45, 34, 66, 0], Distance=223.14, RemCap=393.0

Vehicle 4: Route=[0, 22, 41, 65, 30, 73, 74, 69, 0], Distance=206.77, RemCap=394.0

Vehicle 5: Route=[0, 60, 14, 53, 61, 75, 47, 72, 0], Distance=217.92, RemCap=355.0

Vehicle 6: Route=[0, 55, 62, 52, 50, 63, 0], Distance=178.00, RemCap=377.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35861.40

--------------------------------------------------

Ep 10/50 | Reward 5618.10 | Loss 1039673827.71 | Dist 1610.04 | Vehl 7

Vehicle 0: Route=[0, 36, 55, 38, 33, 11, 10, 28, 9, 30, 37, 18, 15, 14, 16, 17, 19, 29, 32, 20, 23, 24, 3, 35, 6, 7, 27, 34, 73, 0], Distance=355.23, RemCap=1.0

Vehicle 1: Route=[0, 79, 21, 39, 51, 54, 57, 12, 56, 78, 80, 2, 25, 26, 63, 0], Distance=290.49, RemCap=264.0

Vehicle 2: Route=[0, 65, 60, 50, 41, 22, 1, 44, 58, 13, 53, 0], Distance=192.16, RemCap=311.0

Vehicle 3: Route=[0, 43, 67, 4, 49, 47, 61, 31, 69, 64, 0], Distance=191.54, RemCap=305.0

Vehicle 4: Route=[0, 52, 45, 40, 72, 5, 71, 8, 75, 59, 0], Distance=268.37, RemCap=346.0

Vehicle 5: Route=[0, 42, 76, 70, 46, 74, 62, 0], Distance=162.40, RemCap=402.0

Vehicle 6: Route=[0, 77, 68, 66, 48, 0], Distance=149.86, RemCap=432.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40781.93

--------------------------------------------------

Ep 11/50 | Reward 6206.53 | Loss 1368206283.86 | Dist 1495.75 | Vehl 7

Vehicle 0: Route=[0, 2, 25, 4, 3, 1, 24, 23, 20, 21, 36, 32, 40, 39, 19, 16, 14, 15, 48, 42, 37, 30, 9, 28, 13, 33, 34, 69, 8, 7, 78, 0], Distance=323.79, RemCap=13.0

Vehicle 1: Route=[0, 38, 10, 45, 76, 43, 50, 41, 22, 79, 49, 5, 35, 6, 71, 0], Distance=237.63, RemCap=238.0

Vehicle 2: Route=[0, 57, 80, 44, 64, 75, 59, 11, 18, 17, 29, 53, 0], Distance=228.91, RemCap=291.0

Vehicle 3: Route=[0, 60, 61, 12, 31, 27, 47, 67, 46, 26, 72, 74, 0], Distance=251.40, RemCap=309.0

Vehicle 4: Route=[0, 51, 52, 68, 54, 77, 0], Distance=177.65, RemCap=390.0

Vehicle 5: Route=[0, 65, 73, 66, 70, 63, 0], Distance=200.61, RemCap=422.0

Vehicle 6: Route=[0, 55, 62, 58, 56, 0], Distance=75.76, RemCap=398.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34123.90

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Ep 12/50 | Reward 5711.34 | Loss 1098403484.75 | Dist 1519.12 | Vehl 7

Vehicle 0: Route=[0, 31, 75, 13, 11, 12, 28, 9, 30, 29, 18, 15, 14, 51, 16, 19, 39, 20, 23, 24, 22, 1, 3, 4, 2, 5, 7, 27, 8, 78, 0], Distance=317.00, RemCap=4.0

Vehicle 1: Route=[0, 79, 32, 40, 41, 46, 25, 55, 74, 64, 69, 34, 37, 65, 0], Distance=238.68, RemCap=283.0

Vehicle 2: Route=[0, 47, 71, 6, 56, 38, 42, 21, 43, 67, 63, 0], Distance=202.55, RemCap=344.0

Vehicle 3: Route=[0, 36, 49, 35, 33, 61, 59, 10, 48, 76, 70, 0], Distance=247.61, RemCap=268.0

Vehicle 4: Route=[0, 50, 26, 77, 68, 52, 53, 57, 54, 0], Distance=201.05, RemCap=337.0

Vehicle 5: Route=[0, 60, 17, 45, 58, 72, 44, 0], Distance=194.39, RemCap=381.0

Vehicle 6: Route=[0, 66, 73, 62, 80, 0], Distance=117.85, RemCap=444.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36950.66

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Ep 13/50 | Reward 5919.34 | Loss 1190517903.45 | Dist 1534.23 | Vehl 7

Vehicle 0: Route=[0, 39, 16, 51, 14, 15, 18, 19, 29, 30, 11, 10, 13, 73, 33, 31, 62, 8, 27, 7, 6, 5, 2, 25, 4, 3, 23, 24, 43, 80, 0], Distance=311.53, RemCap=3.0

Vehicle 1: Route=[0, 54, 59, 12, 66, 48, 17, 76, 20, 1, 36, 55, 44, 74, 0], Distance=287.26, RemCap=237.0

Vehicle 2: Route=[0, 38, 47, 21, 60, 45, 37, 53, 28, 34, 77, 78, 0], Distance=268.17, RemCap=334.0

Vehicle 3: Route=[0, 61, 9, 52, 65, 50, 22, 26, 67, 0], Distance=183.93, RemCap=323.0

Vehicle 4: Route=[0, 57, 64, 56, 58, 72, 46, 40, 32, 79, 0], Distance=167.89, RemCap=329.0

Vehicle 5: Route=[0, 42, 49, 63, 35, 71, 0], Distance=120.55, RemCap=415.0

Vehicle 6: Route=[0, 41, 70, 68, 69, 75, 0], Distance=194.91, RemCap=420.0

Total vehicle waiting time = 41.89

Total customer waiting time = 37787.99

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Ep 14/50 | Reward 5457.37 | Loss 996845442.74 | Dist 1588.95 | Vehl 7

Vehicle 0: Route=[0, 34, 8, 27, 7, 6, 74, 5, 26, 3, 1, 22, 24, 23, 20, 40, 39, 60, 29, 17, 16, 14, 15, 37, 66, 30, 28, 12, 59, 13, 57, 0], Distance=307.71, RemCap=4.0

Vehicle 1: Route=[0, 71, 56, 4, 49, 47, 80, 36, 51, 18, 19, 61, 31, 38, 65, 0], Distance=264.83, RemCap=239.0

Vehicle 2: Route=[0, 54, 53, 68, 10, 45, 43, 2, 25, 44, 58, 69, 0], Distance=231.49, RemCap=254.0

Vehicle 3: Route=[0, 67, 72, 21, 42, 9, 73, 75, 77, 0], Distance=224.91, RemCap=377.0

Vehicle 4: Route=[0, 33, 78, 35, 55, 41, 70, 76, 0], Distance=171.36, RemCap=380.0

Vehicle 5: Route=[0, 46, 79, 64, 11, 48, 0], Distance=214.82, RemCap=419.0

Vehicle 6: Route=[0, 62, 52, 32, 50, 63, 0], Distance=173.83, RemCap=388.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38341.26

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Ep 15/50 | Reward 5759.81 | Loss 1150109231.90 | Dist 1592.15 | Vehl 7

Vehicle 0: Route=[0, 22, 24, 23, 20, 41, 40, 17, 15, 19, 29, 37, 66, 30, 9, 28, 12, 59, 68, 11, 13, 33, 38, 34, 7, 6, 63, 4, 1, 71, 0], Distance=338.96, RemCap=16.0

Vehicle 1: Route=[0, 5, 36, 46, 21, 16, 51, 14, 60, 54, 62, 31, 73, 53, 0], Distance=267.96, RemCap=301.0

Vehicle 2: Route=[0, 65, 39, 18, 61, 8, 27, 55, 67, 47, 35, 72, 0], Distance=244.69, RemCap=297.0

Vehicle 3: Route=[0, 80, 2, 49, 26, 74, 10, 52, 45, 76, 32, 50, 0], Distance=227.11, RemCap=247.0

Vehicle 4: Route=[0, 3, 44, 77, 69, 56, 0], Distance=120.60, RemCap=390.0

Vehicle 5: Route=[0, 58, 78, 25, 43, 48, 57, 0], Distance=198.58, RemCap=384.0

Vehicle 6: Route=[0, 75, 64, 79, 70, 42, 0], Distance=194.25, RemCap=426.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36348.01

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Ep 16/50 | Reward 5577.23 | Loss 991650540.01 | Dist 1467.05 | Vehl 7

Vehicle 0: Route=[0, 32, 40, 21, 23, 24, 2, 25, 4, 26, 5, 35, 71, 7, 27, 78, 77, 31, 33, 11, 12, 9, 30, 45, 14, 16, 48, 18, 19, 54, 53, 65, 0], Distance=310.15, RemCap=20.0

Vehicle 1: Route=[0, 29, 10, 28, 59, 73, 34, 69, 8, 47, 44, 3, 72, 0], Distance=223.08, RemCap=255.0

Vehicle 2: Route=[0, 62, 6, 74, 49, 79, 41, 20, 15, 52, 76, 0], Distance=251.40, RemCap=283.0

Vehicle 3: Route=[0, 1, 22, 43, 70, 17, 60, 38, 61, 68, 0], Distance=219.36, RemCap=335.0

Vehicle 4: Route=[0, 39, 51, 37, 13, 75, 56, 57, 0], Distance=192.45, RemCap=394.0

Vehicle 5: Route=[0, 55, 58, 63, 36, 46, 50, 0], Distance=139.95, RemCap=344.0

Vehicle 6: Route=[0, 67, 80, 64, 66, 42, 0], Distance=130.66, RemCap=430.0

Total vehicle waiting time = 181.66

Total customer waiting time = 40735.82

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Ep 17/50 | Reward 5463.21 | Loss 997147502.56 | Dist 1642.35 | Vehl 7

Vehicle 0: Route=[0, 80, 38, 31, 64, 78, 27, 7, 2, 72, 26, 1, 24, 20, 21, 22, 36, 32, 39, 17, 16, 51, 18, 19, 29, 37, 61, 13, 9, 28, 12, 75, 0], Distance=360.19, RemCap=0.0

Vehicle 1: Route=[0, 59, 14, 15, 66, 54, 79, 50, 3, 49, 6, 56, 69, 0], Distance=287.22, RemCap=232.0

Vehicle 2: Route=[0, 55, 30, 68, 62, 34, 8, 77, 63, 70, 67, 0], Distance=240.11, RemCap=297.0

Vehicle 3: Route=[0, 23, 40, 42, 52, 33, 74, 71, 57, 0], Distance=195.90, RemCap=367.0

Vehicle 4: Route=[0, 35, 5, 41, 43, 76, 48, 45, 11, 73, 0], Distance=227.53, RemCap=393.0

Vehicle 5: Route=[0, 60, 10, 58, 25, 46, 47, 0], Distance=213.46, RemCap=352.0

Vehicle 6: Route=[0, 4, 44, 53, 65, 0], Distance=117.93, RemCap=420.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39299.21

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Ep 18/50 | Reward 5953.93 | Loss 1199422919.62 | Dist 1570.21 | Vehl 7

Vehicle 0: Route=[0, 31, 69, 27, 7, 47, 2, 25, 4, 1, 67, 36, 32, 24, 23, 21, 40, 39, 19, 17, 51, 15, 18, 37, 30, 11, 61, 13, 9, 28, 12, 59, 0], Distance=316.27, RemCap=3.0

Vehicle 1: Route=[0, 65, 80, 3, 6, 77, 53, 68, 33, 75, 0], Distance=203.13, RemCap=341.0

Vehicle 2: Route=[0, 79, 20, 63, 5, 44, 58, 62, 10, 14, 29, 57, 0], Distance=257.11, RemCap=198.0

Vehicle 3: Route=[0, 34, 78, 35, 26, 76, 50, 46, 70, 0], Distance=205.59, RemCap=351.0

Vehicle 4: Route=[0, 22, 41, 16, 48, 60, 73, 71, 74, 8, 56, 0], Distance=250.94, RemCap=372.0

Vehicle 5: Route=[0, 49, 72, 38, 42, 45, 66, 0], Distance=161.55, RemCap=403.0

Vehicle 6: Route=[0, 54, 52, 43, 55, 64, 0], Distance=175.63, RemCap=393.0

Total vehicle waiting time = 43.64

Total customer waiting time = 35512.39

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Ep 19/50 | Reward 6241.72 | Loss 1347063820.05 | Dist 1631.81 | Vehl 7

Vehicle 0: Route=[0, 38, 31, 33, 13, 11, 10, 12, 28, 37, 29, 18, 15, 14, 16, 17, 19, 39, 32, 21, 24, 36, 2, 1, 26, 5, 6, 27, 34, 58, 0], Distance=334.56, RemCap=4.0

Vehicle 1: Route=[0, 68, 42, 76, 40, 22, 3, 63, 35, 7, 77, 62, 71, 67, 0], Distance=232.93, RemCap=336.0

Vehicle 2: Route=[0, 30, 51, 60, 23, 25, 44, 74, 78, 8, 69, 55, 0], Distance=237.57, RemCap=278.0

Vehicle 3: Route=[0, 47, 46, 70, 48, 53, 75, 9, 61, 0], Distance=235.85, RemCap=324.0

Vehicle 4: Route=[0, 64, 57, 54, 66, 41, 20, 72, 49, 0], Distance=201.70, RemCap=337.0

Vehicle 5: Route=[0, 79, 43, 50, 52, 56, 0], Distance=176.30, RemCap=378.0

Vehicle 6: Route=[0, 80, 4, 65, 73, 59, 45, 0], Distance=212.91, RemCap=404.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34601.97

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Ep 20/50 | Reward 5795.12 | Loss 1160892118.85 | Dist 1564.33 | Vehl 7

Vehicle 0: Route=[0, 38, 71, 56, 8, 27, 5, 26, 25, 4, 1, 23, 46, 21, 24, 22, 43, 40, 32, 76, 39, 19, 14, 15, 18, 29, 66, 30, 11, 28, 12, 59, 0], Distance=302.03, RemCap=1.0

Vehicle 1: Route=[0, 55, 3, 7, 69, 57, 73, 10, 9, 16, 41, 0], Distance=281.91, RemCap=330.0

Vehicle 2: Route=[0, 65, 37, 68, 13, 75, 33, 62, 6, 35, 44, 49, 70, 0], Distance=236.69, RemCap=276.0

Vehicle 3: Route=[0, 77, 78, 72, 63, 80, 79, 20, 17, 51, 0], Distance=225.27, RemCap=303.0

Vehicle 4: Route=[0, 36, 50, 2, 74, 31, 54, 45, 52, 61, 0], Distance=232.30, RemCap=301.0

Vehicle 5: Route=[0, 58, 34, 42, 60, 0], Distance=119.17, RemCap=429.0

Vehicle 6: Route=[0, 48, 53, 64, 47, 67, 0], Distance=166.96, RemCap=421.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35411.06

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Ep 21/50 | Reward 5907.18 | Loss 1228871377.79 | Dist 1528.55 | Vehl 7

Vehicle 0: Route=[0, 40, 17, 16, 14, 18, 37, 57, 38, 11, 10, 9, 28, 59, 13, 33, 34, 8, 27, 35, 44, 25, 4, 3, 1, 23, 24, 22, 41, 21, 70, 0], Distance=341.89, RemCap=5.0

Vehicle 1: Route=[0, 79, 76, 29, 19, 51, 39, 32, 36, 49, 6, 62, 75, 56, 0], Distance=266.82, RemCap=242.0

Vehicle 2: Route=[0, 15, 43, 20, 46, 26, 7, 77, 58, 64, 69, 67, 0], Distance=242.25, RemCap=257.0

Vehicle 3: Route=[0, 71, 78, 2, 60, 66, 52, 0], Distance=171.83, RemCap=387.0

Vehicle 4: Route=[0, 80, 72, 5, 47, 31, 30, 48, 65, 0], Distance=174.58, RemCap=390.0

Vehicle 5: Route=[0, 55, 63, 74, 73, 12, 61, 45, 0], Distance=197.40, RemCap=359.0

Vehicle 6: Route=[0, 50, 42, 54, 68, 53, 0], Distance=133.76, RemCap=421.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34823.47

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Ep 22/50 | Reward 5318.55 | Loss 845985066.50 | Dist 1679.39 | Vehl 7

Vehicle 0: Route=[0, 38, 33, 34, 8, 7, 6, 35, 72, 25, 3, 2, 80, 36, 22, 23, 21, 32, 39, 17, 14, 15, 18, 19, 29, 37, 52, 11, 61, 0], Distance=319.93, RemCap=3.0

Vehicle 1: Route=[0, 57, 30, 68, 62, 56, 71, 5, 1, 43, 40, 51, 20, 41, 0], Distance=295.04, RemCap=277.0

Vehicle 2: Route=[0, 50, 47, 26, 44, 27, 58, 13, 59, 12, 28, 48, 45, 0], Distance=262.30, RemCap=281.0

Vehicle 3: Route=[0, 54, 76, 16, 42, 9, 31, 63, 64, 75, 0], Distance=272.17, RemCap=392.0

Vehicle 4: Route=[0, 65, 66, 53, 73, 74, 4, 46, 24, 67, 0], Distance=209.06, RemCap=335.0

Vehicle 5: Route=[0, 70, 10, 77, 0], Distance=165.62, RemCap=410.0

Vehicle 6: Route=[0, 60, 69, 78, 49, 55, 79, 0], Distance=155.27, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40948.67

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Ep 23/50 | Reward 6232.96 | Loss 1281697176.47 | Dist 1544.53 | Vehl 7

Vehicle 0: Route=[0, 32, 21, 20, 22, 36, 2, 25, 3, 4, 26, 5, 35, 6, 7, 27, 8, 34, 33, 53, 29, 17, 16, 15, 48, 37, 30, 10, 28, 12, 73, 0], Distance=338.11, RemCap=7.0

Vehicle 1: Route=[0, 47, 49, 46, 40, 39, 18, 60, 65, 11, 68, 61, 31, 77, 0], Distance=248.17, RemCap=264.0

Vehicle 2: Route=[0, 79, 80, 72, 67, 24, 19, 42, 57, 13, 59, 0], Distance=223.97, RemCap=331.0

Vehicle 3: Route=[0, 51, 14, 71, 58, 64, 69, 0], Distance=166.35, RemCap=375.0

Vehicle 4: Route=[0, 55, 38, 75, 9, 45, 43, 23, 63, 0], Distance=226.55, RemCap=347.0

Vehicle 5: Route=[0, 54, 52, 66, 1, 70, 50, 76, 0], Distance=185.88, RemCap=359.0

Vehicle 6: Route=[0, 41, 62, 56, 78, 74, 44, 0], Distance=155.50, RemCap=378.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34852.62

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Ep 24/50 | Reward 5877.31 | Loss 1132610537.44 | Dist 1492.41 | Vehl 7

Vehicle 0: Route=[0, 65, 79, 80, 5, 25, 4, 3, 1, 24, 21, 50, 36, 32, 17, 16, 14, 15, 48, 37, 30, 11, 68, 10, 28, 12, 34, 8, 27, 7, 31, 38, 53, 0], Distance=337.06, RemCap=15.0

Vehicle 1: Route=[0, 57, 61, 52, 18, 19, 29, 70, 20, 23, 22, 67, 72, 6, 75, 0], Distance=281.31, RemCap=180.0

Vehicle 2: Route=[0, 54, 13, 9, 42, 76, 39, 49, 35, 56, 71, 0], Distance=207.20, RemCap=349.0

Vehicle 3: Route=[0, 40, 74, 77, 78, 0], Distance=125.67, RemCap=415.0

Vehicle 4: Route=[0, 66, 41, 46, 2, 26, 44, 58, 55, 0], Distance=174.17, RemCap=305.0

Vehicle 5: Route=[0, 43, 47, 64, 62, 33, 73, 59, 0], Distance=178.07, RemCap=376.0

Vehicle 6: Route=[0, 63, 69, 60, 45, 51, 0], Distance=188.93, RemCap=421.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39673.22

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Ep 25/50 | Reward 5528.68 | Loss 1019227541.27 | Dist 1489.01 | Vehl 7

Vehicle 0: Route=[0, 32, 24, 23, 20, 40, 39, 17, 16, 14, 48, 18, 37, 28, 12, 10, 68, 13, 33, 6, 8, 27, 44, 5, 26, 4, 3, 2, 35, 80, 0], Distance=298.25, RemCap=0.0

Vehicle 1: Route=[0, 38, 11, 54, 19, 41, 36, 25, 49, 74, 7, 77, 69, 31, 62, 0], Distance=241.95, RemCap=251.0

Vehicle 2: Route=[0, 65, 57, 75, 47, 63, 1, 43, 21, 15, 45, 0], Distance=249.07, RemCap=342.0

Vehicle 3: Route=[0, 34, 73, 52, 30, 42, 51, 70, 50, 0], Distance=217.46, RemCap=351.0

Vehicle 4: Route=[0, 9, 66, 29, 67, 72, 78, 56, 0], Distance=203.72, RemCap=359.0

Vehicle 5: Route=[0, 76, 60, 59, 64, 58, 55, 0], Distance=135.29, RemCap=381.0

Vehicle 6: Route=[0, 53, 61, 71, 22, 46, 79, 0], Distance=143.27, RemCap=377.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40453.92

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Ep 26/50 | Reward 5762.88 | Loss 1083655273.81 | Dist 1527.36 | Vehl 7

Vehicle 0: Route=[0, 38, 33, 31, 34, 69, 6, 71, 35, 5, 72, 49, 25, 1, 36, 24, 41, 21, 14, 15, 18, 19, 29, 37, 30, 9, 28, 12, 11, 13, 61, 0], Distance=316.54, RemCap=3.0

Vehicle 1: Route=[0, 57, 53, 60, 40, 22, 23, 79, 2, 4, 63, 74, 78, 56, 0], Distance=201.11, RemCap=262.0

Vehicle 2: Route=[0, 43, 20, 17, 52, 10, 73, 75, 8, 54, 42, 0], Distance=259.35, RemCap=280.0

Vehicle 3: Route=[0, 47, 27, 7, 65, 48, 51, 32, 50, 70, 0], Distance=217.59, RemCap=352.0

Vehicle 4: Route=[0, 76, 39, 16, 68, 62, 58, 0], Distance=159.64, RemCap=408.0

Vehicle 5: Route=[0, 80, 3, 26, 44, 77, 66, 59, 0], Distance=179.98, RemCap=356.0

Vehicle 6: Route=[0, 55, 64, 67, 46, 45, 0], Distance=193.16, RemCap=400.0

Total vehicle waiting time = 165.39

Total customer waiting time = 38548.82

--------------------------------------------------

Ep 27/50 | Reward 5702.60 | Loss 1075587978.53 | Dist 1516.55 | Vehl 7

Vehicle 0: Route=[0, 36, 32, 60, 19, 18, 15, 16, 39, 40, 21, 24, 23, 1, 3, 4, 49, 26, 63, 5, 35, 47, 71, 6, 7, 77, 31, 33, 13, 11, 30, 12, 75, 73, 0], Distance=355.62, RemCap=1.0

Vehicle 1: Route=[0, 79, 67, 2, 58, 69, 34, 38, 48, 14, 17, 43, 50, 0], Distance=239.88, RemCap=221.0

Vehicle 2: Route=[0, 55, 44, 27, 78, 8, 62, 10, 54, 22, 46, 20, 41, 0], Distance=210.11, RemCap=229.0

Vehicle 3: Route=[0, 65, 70, 25, 64, 53, 28, 9, 52, 0], Distance=229.07, RemCap=369.0

Vehicle 4: Route=[0, 80, 68, 29, 51, 76, 0], Distance=152.94, RemCap=421.0

Vehicle 5: Route=[0, 56, 61, 66, 37, 45, 0], Distance=159.12, RemCap=406.0

Vehicle 6: Route=[0, 72, 74, 57, 59, 42, 0], Distance=169.82, RemCap=414.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39956.97

--------------------------------------------------

Ep 28/50 | Reward 6014.96 | Loss 1252400104.30 | Dist 1512.36 | Vehl 7

Vehicle 0: Route=[0, 57, 31, 64, 34, 73, 33, 13, 61, 11, 10, 12, 28, 9, 18, 15, 14, 32, 21, 22, 23, 1, 3, 4, 26, 35, 6, 27, 78, 8, 56, 0], Distance=350.97, RemCap=9.0

Vehicle 1: Route=[0, 2, 49, 44, 75, 37, 42, 29, 19, 51, 39, 40, 70, 41, 0], Distance=267.18, RemCap=239.0

Vehicle 2: Route=[0, 47, 25, 72, 74, 7, 69, 71, 38, 16, 30, 53, 0], Distance=216.09, RemCap=337.0

Vehicle 3: Route=[0, 79, 63, 36, 20, 17, 52, 62, 59, 68, 0], Distance=253.71, RemCap=304.0

Vehicle 4: Route=[0, 67, 24, 46, 50, 43, 45, 0], Distance=141.19, RemCap=377.0

Vehicle 5: Route=[0, 65, 48, 76, 80, 5, 58, 0], Distance=174.40, RemCap=398.0

Vehicle 6: Route=[0, 60, 66, 54, 55, 77, 0], Distance=108.82, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38608.00

--------------------------------------------------

Ep 29/50 | Reward 5968.01 | Loss 1128790884.73 | Dist 1597.89 | Vehl 7

Vehicle 0: Route=[0, 38, 42, 29, 19, 16, 14, 15, 18, 37, 9, 28, 12, 10, 11, 33, 31, 34, 7, 6, 35, 5, 2, 3, 32, 39, 40, 20, 23, 41, 0], Distance=333.16, RemCap=5.0

Vehicle 1: Route=[0, 30, 45, 46, 80, 55, 71, 56, 8, 27, 44, 26, 25, 63, 0], Distance=249.13, RemCap=273.0

Vehicle 2: Route=[0, 79, 21, 17, 52, 66, 58, 74, 4, 1, 49, 0], Distance=245.71, RemCap=253.0

Vehicle 3: Route=[0, 36, 70, 48, 54, 13, 62, 78, 69, 75, 0], Distance=253.38, RemCap=357.0

Vehicle 4: Route=[0, 65, 43, 50, 22, 64, 0], Distance=130.37, RemCap=417.0

Vehicle 5: Route=[0, 47, 67, 24, 51, 59, 73, 61, 53, 0], Distance=213.16, RemCap=334.0

Vehicle 6: Route=[0, 72, 77, 68, 60, 76, 57, 0], Distance=172.97, RemCap=422.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38831.23

--------------------------------------------------

Ep 30/50 | Reward 5987.80 | Loss 1168224482.12 | Dist 1563.82 | Vehl 7

Vehicle 0: Route=[0, 65, 36, 32, 39, 40, 20, 23, 22, 1, 26, 5, 35, 71, 27, 58, 34, 31, 13, 10, 11, 30, 37, 29, 19, 17, 16, 14, 15, 45, 0], Distance=324.10, RemCap=1.0

Vehicle 1: Route=[0, 18, 48, 9, 73, 33, 69, 78, 80, 49, 4, 72, 63, 0], Distance=242.06, RemCap=284.0

Vehicle 2: Route=[0, 79, 3, 46, 21, 76, 60, 42, 61, 12, 8, 77, 53, 0], Distance=245.50, RemCap=297.0

Vehicle 3: Route=[0, 50, 24, 2, 55, 7, 64, 62, 28, 59, 0], Distance=203.24, RemCap=328.0

Vehicle 4: Route=[0, 57, 56, 6, 43, 70, 51, 0], Distance=205.03, RemCap=384.0

Vehicle 5: Route=[0, 41, 47, 75, 68, 66, 54, 0], Distance=170.06, RemCap=404.0

Vehicle 6: Route=[0, 52, 38, 67, 25, 74, 44, 0], Distance=173.83, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35941.79

--------------------------------------------------

Ep 31/50 | Reward 5831.88 | Loss 1144433322.55 | Dist 1478.99 | Vehl 7

Vehicle 0: Route=[0, 65, 17, 16, 14, 15, 18, 37, 30, 28, 12, 10, 61, 33, 31, 34, 58, 7, 6, 35, 5, 2, 3, 23, 24, 22, 21, 40, 36, 79, 0], Distance=292.75, RemCap=2.0

Vehicle 1: Route=[0, 80, 71, 56, 8, 27, 25, 4, 39, 29, 42, 66, 73, 59, 45, 0], Distance=294.31, RemCap=287.0

Vehicle 2: Route=[0, 72, 77, 69, 38, 13, 11, 68, 9, 19, 48, 51, 0], Distance=226.30, RemCap=314.0

Vehicle 3: Route=[0, 60, 32, 70, 20, 47, 78, 74, 44, 0], Distance=179.81, RemCap=319.0

Vehicle 4: Route=[0, 43, 1, 67, 62, 75, 54, 52, 0], Distance=214.73, RemCap=352.0

Vehicle 5: Route=[0, 76, 64, 26, 63, 0], Distance=137.30, RemCap=457.0

Vehicle 6: Route=[0, 53, 57, 55, 49, 46, 50, 41, 0], Distance=133.78, RemCap=330.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36382.58

--------------------------------------------------

Ep 32/50 | Reward 5757.77 | Loss 1069333949.59 | Dist 1598.32 | Vehl 7

Vehicle 0: Route=[0, 39, 21, 43, 36, 1, 3, 4, 25, 26, 72, 5, 63, 2, 62, 7, 8, 64, 34, 31, 33, 13, 61, 12, 28, 9, 53, 37, 19, 15, 51, 0], Distance=353.37, RemCap=24.0

Vehicle 1: Route=[0, 65, 38, 10, 30, 45, 18, 16, 29, 76, 46, 24, 47, 74, 0], Distance=229.44, RemCap=263.0

Vehicle 2: Route=[0, 40, 14, 60, 54, 11, 75, 27, 49, 55, 0], Distance=240.64, RemCap=327.0

Vehicle 3: Route=[0, 80, 79, 23, 20, 70, 32, 66, 73, 6, 58, 0], Distance=208.35, RemCap=282.0

Vehicle 4: Route=[0, 67, 35, 69, 68, 52, 17, 57, 0], Distance=184.00, RemCap=363.0

Vehicle 5: Route=[0, 22, 71, 78, 77, 59, 42, 0], Distance=188.14, RemCap=402.0

Vehicle 6: Route=[0, 48, 50, 41, 44, 56, 0], Distance=194.38, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36745.80

--------------------------------------------------

Ep 33/50 | Reward 6271.45 | Loss 1330041250.61 | Dist 1554.49 | Vehl 7

Vehicle 0: Route=[0, 29, 19, 17, 16, 14, 15, 18, 9, 12, 10, 11, 13, 33, 31, 34, 8, 27, 6, 35, 5, 2, 4, 1, 23, 24, 22, 40, 21, 41, 0], Distance=310.41, RemCap=0.0

Vehicle 1: Route=[0, 36, 76, 54, 68, 28, 62, 64, 77, 74, 3, 72, 0], Distance=205.07, RemCap=347.0

Vehicle 2: Route=[0, 38, 71, 7, 49, 67, 20, 32, 39, 51, 37, 73, 53, 0], Distance=286.80, RemCap=286.0

Vehicle 3: Route=[0, 55, 69, 78, 47, 80, 43, 30, 42, 0], Distance=181.69, RemCap=356.0

Vehicle 4: Route=[0, 79, 70, 25, 26, 44, 57, 56, 58, 0], Distance=199.24, RemCap=333.0

Vehicle 5: Route=[0, 63, 75, 59, 65, 60, 48, 45, 0], Distance=222.27, RemCap=388.0

Vehicle 6: Route=[0, 46, 50, 61, 52, 66, 0], Distance=149.02, RemCap=351.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35746.09

--------------------------------------------------

Ep 34/50 | Reward 6374.14 | Loss 1396450739.49 | Dist 1519.07 | Vehl 7

Vehicle 0: Route=[0, 38, 57, 33, 31, 34, 13, 11, 10, 12, 28, 9, 30, 37, 15, 14, 17, 29, 39, 40, 32, 36, 1, 25, 26, 5, 2, 71, 7, 27, 8, 78, 0], Distance=322.88, RemCap=6.0

Vehicle 1: Route=[0, 6, 72, 49, 22, 23, 21, 43, 76, 51, 19, 54, 61, 59, 0], Distance=264.36, RemCap=228.0

Vehicle 2: Route=[0, 65, 66, 48, 16, 70, 24, 3, 44, 35, 67, 55, 0], Distance=207.63, RemCap=312.0

Vehicle 3: Route=[0, 80, 4, 46, 20, 53, 73, 52, 45, 0], Distance=247.63, RemCap=329.0

Vehicle 4: Route=[0, 79, 60, 18, 42, 69, 64, 77, 47, 0], Distance=163.56, RemCap=378.0

Vehicle 5: Route=[0, 50, 68, 75, 62, 56, 0], Distance=188.57, RemCap=405.0

Vehicle 6: Route=[0, 58, 74, 63, 41, 0], Distance=124.46, RemCap=403.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36243.16

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Ep 35/50 | Reward 6054.29 | Loss 1240227129.98 | Dist 1582.24 | Vehl 7

Vehicle 0: Route=[0, 38, 65, 36, 24, 23, 46, 21, 40, 32, 39, 19, 17, 16, 14, 18, 29, 30, 9, 28, 68, 11, 33, 31, 8, 27, 7, 35, 2, 3, 5, 72, 0], Distance=325.62, RemCap=2.0

Vehicle 1: Route=[0, 53, 66, 52, 10, 34, 56, 44, 26, 4, 20, 43, 67, 6, 58, 0], Distance=274.47, RemCap=152.0

Vehicle 2: Route=[0, 62, 13, 61, 12, 60, 51, 70, 50, 41, 1, 55, 0], Distance=230.18, RemCap=289.0

Vehicle 3: Route=[0, 22, 76, 15, 37, 59, 75, 64, 74, 63, 0], Distance=238.60, RemCap=364.0

Vehicle 4: Route=[0, 71, 77, 49, 79, 42, 0], Distance=140.14, RemCap=401.0

Vehicle 5: Route=[0, 48, 57, 80, 47, 25, 78, 0], Distance=198.37, RemCap=409.0

Vehicle 6: Route=[0, 54, 69, 73, 45, 0], Distance=174.86, RemCap=444.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38047.41

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Ep 36/50 | Reward 5958.93 | Loss 1185999216.08 | Dist 1602.68 | Vehl 7

Vehicle 0: Route=[0, 33, 31, 34, 8, 27, 7, 6, 47, 35, 5, 2, 26, 4, 1, 22, 23, 20, 21, 32, 39, 19, 17, 16, 18, 29, 30, 13, 12, 73, 0], Distance=342.31, RemCap=3.0

Vehicle 1: Route=[0, 36, 3, 25, 80, 64, 69, 57, 48, 14, 37, 52, 59, 11, 68, 0], Distance=263.31, RemCap=282.0

Vehicle 2: Route=[0, 67, 46, 40, 76, 60, 10, 28, 56, 58, 77, 55, 0], Distance=192.95, RemCap=260.0

Vehicle 3: Route=[0, 24, 49, 71, 75, 9, 54, 42, 45, 0], Distance=241.31, RemCap=373.0

Vehicle 4: Route=[0, 44, 78, 62, 38, 15, 43, 70, 41, 0], Distance=227.31, RemCap=359.0

Vehicle 5: Route=[0, 53, 61, 74, 63, 50, 51, 0], Distance=222.50, RemCap=346.0

Vehicle 6: Route=[0, 66, 65, 72, 79, 0], Distance=112.99, RemCap=438.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40826.71

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Ep 37/50 | Reward 5651.22 | Loss 1048633492.25 | Dist 1608.35 | Vehl 7

Vehicle 0: Route=[0, 38, 31, 33, 11, 10, 12, 28, 9, 30, 66, 37, 29, 19, 15, 16, 39, 32, 21, 20, 23, 3, 25, 26, 63, 2, 35, 7, 8, 80, 0], Distance=305.37, RemCap=2.0

Vehicle 1: Route=[0, 60, 48, 17, 40, 43, 41, 22, 67, 27, 78, 34, 75, 68, 13, 55, 0], Distance=250.36, RemCap=274.0

Vehicle 2: Route=[0, 61, 6, 74, 49, 1, 79, 70, 18, 42, 0], Distance=249.97, RemCap=299.0

Vehicle 3: Route=[0, 65, 14, 46, 24, 4, 47, 56, 64, 73, 52, 59, 0], Distance=307.64, RemCap=280.0

Vehicle 4: Route=[0, 54, 45, 5, 44, 58, 0], Distance=177.88, RemCap=381.0

Vehicle 5: Route=[0, 36, 57, 69, 71, 0], Distance=94.32, RemCap=450.0

Vehicle 6: Route=[0, 53, 62, 77, 72, 50, 76, 51, 0], Distance=222.81, RemCap=375.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38053.80

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Ep 38/50 | Reward 6037.46 | Loss 1220922572.56 | Dist 1472.18 | Vehl 7

Vehicle 0: Route=[0, 11, 68, 9, 28, 12, 13, 31, 34, 8, 7, 71, 35, 5, 25, 4, 3, 1, 50, 43, 40, 39, 19, 17, 16, 14, 15, 29, 37, 30, 76, 32, 36, 47, 0], Distance=362.37, RemCap=2.0

Vehicle 1: Route=[0, 65, 22, 23, 46, 20, 51, 18, 60, 61, 10, 75, 77, 6, 58, 0], Distance=244.24, RemCap=158.0

Vehicle 2: Route=[0, 53, 56, 27, 2, 24, 70, 41, 67, 80, 55, 0], Distance=179.51, RemCap=317.0

Vehicle 3: Route=[0, 79, 26, 69, 57, 54, 48, 45, 0], Distance=184.47, RemCap=394.0

Vehicle 4: Route=[0, 44, 64, 73, 33, 38, 66, 0], Distance=165.60, RemCap=396.0

Vehicle 5: Route=[0, 21, 74, 78, 62, 52, 42, 0], Distance=198.71, RemCap=394.0

Vehicle 6: Route=[0, 59, 63, 72, 49, 0], Distance=137.28, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36924.18

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Ep 39/50 | Reward 6002.78 | Loss 1176380047.07 | Dist 1599.92 | Vehl 7

Vehicle 0: Route=[0, 40, 22, 23, 1, 3, 4, 26, 2, 5, 35, 7, 8, 6, 31, 57, 61, 10, 28, 30, 52, 15, 14, 16, 17, 19, 39, 60, 0], Distance=310.85, RemCap=3.0

Vehicle 1: Route=[0, 50, 25, 63, 55, 38, 54, 53, 11, 9, 12, 73, 34, 77, 27, 58, 0], Distance=239.39, RemCap=215.0

Vehicle 2: Route=[0, 62, 75, 44, 49, 32, 29, 21, 20, 43, 0], Distance=240.87, RemCap=279.0

Vehicle 3: Route=[0, 59, 18, 42, 76, 36, 80, 47, 0], Distance=167.27, RemCap=410.0

Vehicle 4: Route=[0, 56, 64, 33, 68, 37, 45, 65, 46, 41, 0], Distance=216.53, RemCap=368.0

Vehicle 5: Route=[0, 79, 24, 71, 74, 69, 13, 48, 51, 0], Distance=225.65, RemCap=377.0

Vehicle 6: Route=[0, 66, 70, 67, 78, 72, 0], Distance=199.37, RemCap=409.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35490.62

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Ep 40/50 | Reward 5779.25 | Loss 1084107529.34 | Dist 1590.44 | Vehl 7

Vehicle 0: Route=[0, 65, 19, 16, 14, 18, 37, 66, 30, 28, 10, 13, 33, 31, 6, 8, 7, 35, 5, 72, 26, 4, 3, 2, 80, 36, 32, 40, 22, 24, 21, 50, 0], Distance=320.76, RemCap=2.0

Vehicle 1: Route=[0, 76, 70, 15, 11, 38, 56, 27, 71, 47, 67, 55, 0], Distance=250.90, RemCap=337.0

Vehicle 2: Route=[0, 59, 34, 77, 78, 1, 23, 41, 46, 20, 17, 42, 0], Distance=257.85, RemCap=258.0

Vehicle 3: Route=[0, 63, 44, 64, 62, 73, 12, 68, 39, 51, 0], Distance=249.65, RemCap=364.0

Vehicle 4: Route=[0, 49, 58, 9, 52, 48, 29, 57, 0], Distance=199.70, RemCap=313.0

Vehicle 5: Route=[0, 75, 69, 74, 25, 43, 60, 0], Distance=183.23, RemCap=394.0

Vehicle 6: Route=[0, 79, 45, 61, 53, 54, 0], Distance=128.35, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37421.78

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Ep 41/50 | Reward 6005.04 | Loss 1152962180.81 | Dist 1562.26 | Vehl 7

Vehicle 0: Route=[0, 33, 28, 9, 30, 37, 18, 15, 14, 16, 17, 19, 29, 39, 32, 36, 23, 1, 4, 25, 49, 2, 27, 8, 34, 6, 77, 0], Distance=312.73, RemCap=4.0

Vehicle 1: Route=[0, 41, 22, 3, 5, 35, 47, 80, 31, 73, 75, 56, 78, 7, 74, 0], Distance=226.95, RemCap=291.0

Vehicle 2: Route=[0, 65, 43, 21, 45, 12, 68, 13, 64, 58, 63, 0], Distance=236.38, RemCap=347.0

Vehicle 3: Route=[0, 62, 61, 11, 54, 66, 51, 76, 24, 26, 55, 0], Distance=218.26, RemCap=328.0

Vehicle 4: Route=[0, 71, 67, 20, 40, 60, 52, 53, 0], Distance=163.03, RemCap=367.0

Vehicle 5: Route=[0, 44, 72, 46, 50, 48, 10, 38, 57, 0], Distance=217.67, RemCap=318.0

Vehicle 6: Route=[0, 79, 69, 59, 42, 70, 0], Distance=187.24, RemCap=406.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35729.79

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Ep 42/50 | Reward 6381.09 | Loss 1419121684.26 | Dist 1602.81 | Vehl 7

Vehicle 0: Route=[0, 38, 29, 19, 17, 16, 15, 18, 37, 30, 52, 9, 28, 12, 11, 13, 33, 31, 7, 44, 5, 4, 3, 49, 35, 36, 23, 21, 40, 32, 39, 76, 0], Distance=334.74, RemCap=5.0

Vehicle 1: Route=[0, 79, 67, 24, 25, 26, 2, 58, 8, 73, 59, 53, 57, 14, 51, 0], Distance=286.05, RemCap=216.0

Vehicle 2: Route=[0, 43, 20, 80, 63, 27, 6, 77, 68, 60, 48, 45, 0], Distance=262.07, RemCap=305.0

Vehicle 3: Route=[0, 62, 54, 65, 22, 1, 72, 71, 56, 0], Distance=185.61, RemCap=388.0

Vehicle 4: Route=[0, 46, 10, 34, 64, 55, 0], Distance=172.55, RemCap=374.0

Vehicle 5: Route=[0, 78, 74, 47, 70, 66, 61, 0], Distance=195.60, RemCap=356.0

Vehicle 6: Route=[0, 69, 75, 42, 41, 50, 0], Distance=166.18, RemCap=417.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35052.72

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Ep 43/50 | Reward 6171.11 | Loss 1280977288.47 | Dist 1622.15 | Vehl 7

Vehicle 0: Route=[0, 36, 32, 40, 21, 20, 23, 1, 2, 5, 6, 7, 8, 34, 13, 12, 28, 11, 30, 37, 18, 14, 16, 17, 19, 29, 39, 38, 33, 31, 71, 0], Distance=356.05, RemCap=2.0

Vehicle 1: Route=[0, 57, 60, 48, 15, 59, 75, 69, 27, 26, 3, 46, 41, 0], Distance=260.58, RemCap=315.0

Vehicle 2: Route=[0, 50, 67, 4, 25, 35, 64, 62, 61, 10, 66, 53, 0], Distance=207.03, RemCap=260.0

Vehicle 3: Route=[0, 68, 9, 54, 24, 63, 44, 55, 47, 0], Distance=192.94, RemCap=345.0

Vehicle 4: Route=[0, 42, 43, 22, 79, 49, 56, 0], Distance=176.70, RemCap=386.0

Vehicle 5: Route=[0, 80, 78, 73, 52, 65, 76, 45, 0], Distance=227.88, RemCap=400.0

Vehicle 6: Route=[0, 77, 58, 74, 72, 70, 51, 0], Distance=200.98, RemCap=353.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37926.94

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Ep 44/50 | Reward 6516.48 | Loss 1471179812.25 | Dist 1569.46 | Vehl 7

Vehicle 0: Route=[0, 36, 23, 21, 40, 32, 39, 17, 16, 14, 15, 19, 29, 30, 11, 10, 28, 12, 13, 33, 31, 34, 8, 27, 7, 6, 4, 1, 2, 35, 0], Distance=318.02, RemCap=2.0

Vehicle 1: Route=[0, 47, 63, 26, 5, 74, 78, 38, 9, 37, 45, 18, 70, 22, 60, 42, 66, 0], Distance=298.80, RemCap=262.0

Vehicle 2: Route=[0, 53, 68, 76, 46, 25, 58, 64, 56, 0], Distance=209.09, RemCap=360.0

Vehicle 3: Route=[0, 49, 77, 75, 59, 54, 65, 48, 51, 0], Distance=238.26, RemCap=318.0

Vehicle 4: Route=[0, 61, 71, 67, 72, 3, 24, 43, 50, 41, 0], Distance=180.13, RemCap=342.0

Vehicle 5: Route=[0, 57, 52, 62, 69, 44, 79, 55, 0], Distance=159.10, RemCap=340.0

Vehicle 6: Route=[0, 73, 20, 80, 0], Distance=166.05, RemCap=437.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38115.24

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Ep 45/50 | Reward 6683.74 | Loss 1593262993.05 | Dist 1585.97 | Vehl 7

Vehicle 0: Route=[0, 38, 6, 7, 34, 31, 33, 13, 10, 28, 9, 11, 30, 37, 29, 15, 14, 16, 17, 19, 40, 21, 23, 1, 3, 25, 26, 72, 5, 2, 36, 76, 0], Distance=325.66, RemCap=4.0

Vehicle 1: Route=[0, 79, 32, 70, 20, 46, 4, 63, 27, 8, 71, 57, 59, 12, 66, 0], Distance=239.12, RemCap=224.0

Vehicle 2: Route=[0, 49, 22, 39, 18, 42, 54, 73, 64, 78, 56, 0], Distance=252.74, RemCap=347.0

Vehicle 3: Route=[0, 74, 35, 67, 24, 43, 51, 52, 75, 0], Distance=235.50, RemCap=332.0

Vehicle 4: Route=[0, 41, 55, 69, 61, 68, 60, 45, 0], Distance=215.62, RemCap=374.0

Vehicle 5: Route=[0, 53, 50, 80, 77, 0], Distance=142.56, RemCap=407.0

Vehicle 6: Route=[0, 65, 48, 47, 44, 58, 62, 0], Distance=174.77, RemCap=373.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33791.42

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Ep 46/50 | Reward 6191.77 | Loss 1305642899.24 | Dist 1430.64 | Vehl 7

Vehicle 0: Route=[0, 79, 80, 1, 4, 25, 26, 5, 35, 71, 6, 7, 34, 31, 33, 13, 11, 68, 12, 28, 9, 30, 66, 37, 18, 16, 17, 29, 39, 32, 40, 21, 20, 41, 0], Distance=315.77, RemCap=5.0

Vehicle 1: Route=[0, 65, 22, 3, 63, 27, 8, 56, 58, 10, 45, 60, 0], Distance=230.25, RemCap=298.0

Vehicle 2: Route=[0, 36, 43, 2, 44, 77, 73, 59, 53, 19, 52, 0], Distance=259.58, RemCap=266.0

Vehicle 3: Route=[0, 38, 55, 67, 72, 23, 46, 70, 51, 14, 42, 0], Distance=198.59, RemCap=301.0

Vehicle 4: Route=[0, 49, 24, 50, 54, 57, 62, 61, 15, 48, 0], Distance=236.54, RemCap=310.0

Vehicle 5: Route=[0, 69, 64, 78, 74, 47, 0], Distance=81.11, RemCap=404.0

Vehicle 6: Route=[0, 75, 76, 0], Distance=108.80, RemCap=477.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37510.55

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Ep 47/50 | Reward 5907.92 | Loss 1130199920.67 | Dist 1571.57 | Vehl 7

Vehicle 0: Route=[0, 32, 23, 20, 19, 17, 16, 14, 15, 18, 29, 37, 30, 9, 28, 10, 13, 31, 8, 35, 5, 4, 3, 1, 2, 38, 54, 0], Distance=321.58, RemCap=4.0

Vehicle 1: Route=[0, 47, 67, 24, 40, 39, 76, 65, 53, 52, 11, 12, 75, 7, 77, 0], Distance=229.78, RemCap=282.0

Vehicle 2: Route=[0, 36, 46, 26, 78, 64, 34, 61, 66, 42, 51, 0], Distance=249.09, RemCap=321.0

Vehicle 3: Route=[0, 50, 21, 22, 49, 63, 27, 33, 68, 71, 55, 0], Distance=201.50, RemCap=315.0

Vehicle 4: Route=[0, 43, 70, 56, 62, 0], Distance=140.29, RemCap=425.0

Vehicle 5: Route=[0, 57, 60, 41, 25, 44, 80, 6, 73, 59, 0], Distance=242.78, RemCap=352.0

Vehicle 6: Route=[0, 79, 72, 74, 58, 69, 48, 45, 0], Distance=186.56, RemCap=362.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36703.18

--------------------------------------------------

Ep 48/50 | Reward 6044.76 | Loss 1232932106.37 | Dist 1572.98 | Vehl 7

Vehicle 0: Route=[0, 38, 55, 79, 36, 40, 39, 17, 16, 14, 15, 18, 29, 37, 30, 9, 28, 10, 11, 13, 34, 8, 27, 49, 3, 1, 23, 22, 21, 43, 0], Distance=321.24, RemCap=1.0

Vehicle 1: Route=[0, 65, 71, 35, 44, 26, 2, 80, 24, 50, 32, 60, 53, 52, 12, 59, 0], Distance=245.34, RemCap=226.0

Vehicle 2: Route=[0, 57, 19, 48, 66, 33, 73, 7, 5, 63, 70, 41, 0], Distance=266.08, RemCap=316.0

Vehicle 3: Route=[0, 4, 72, 78, 58, 64, 69, 75, 31, 45, 0], Distance=221.06, RemCap=347.0

Vehicle 4: Route=[0, 67, 20, 54, 68, 6, 56, 0], Distance=187.24, RemCap=368.0

Vehicle 5: Route=[0, 25, 62, 61, 76, 51, 42, 0], Distance=207.70, RemCap=409.0

Vehicle 6: Route=[0, 77, 74, 47, 46, 0], Distance=124.32, RemCap=394.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37763.06

--------------------------------------------------

Ep 49/50 | Reward 5637.12 | Loss 1007434614.83 | Dist 1555.09 | Vehl 7

Vehicle 0: Route=[0, 31, 8, 27, 6, 71, 35, 5, 63, 26, 49, 4, 3, 24, 21, 36, 32, 16, 51, 14, 15, 18, 19, 29, 30, 9, 28, 12, 10, 57, 0], Distance=308.47, RemCap=5.0

Vehicle 1: Route=[0, 43, 20, 46, 23, 2, 74, 7, 78, 34, 11, 66, 48, 76, 0], Distance=245.22, RemCap=243.0

Vehicle 2: Route=[0, 67, 72, 25, 41, 39, 17, 37, 61, 13, 33, 64, 58, 0], Distance=231.60, RemCap=284.0

Vehicle 3: Route=[0, 47, 62, 65, 40, 70, 45, 53, 0], Distance=194.34, RemCap=398.0

Vehicle 4: Route=[0, 80, 22, 60, 54, 38, 77, 73, 59, 0], Distance=200.89, RemCap=363.0

Vehicle 5: Route=[0, 1, 79, 42, 52, 69, 0], Distance=178.92, RemCap=405.0

Vehicle 6: Route=[0, 68, 75, 56, 44, 55, 50, 0], Distance=195.64, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38708.37

--------------------------------------------------

Ep 50/50 | Reward 5308.82 | Loss 852988981.34 | Dist 1635.65 | Vehl 7

Vehicle 0: Route=[0, 54, 42, 17, 16, 14, 15, 18, 9, 28, 10, 68, 11, 61, 13, 73, 34, 38, 27, 35, 80, 36, 50, 21, 24, 23, 1, 3, 4, 63, 0], Distance=344.40, RemCap=24.0

Vehicle 1: Route=[0, 67, 74, 78, 8, 57, 30, 52, 29, 39, 32, 22, 41, 0], Distance=216.79, RemCap=264.0

Vehicle 2: Route=[0, 53, 33, 31, 58, 72, 43, 70, 19, 79, 55, 0], Distance=238.71, RemCap=289.0

Vehicle 3: Route=[0, 40, 51, 12, 62, 77, 26, 25, 49, 71, 0], Distance=232.88, RemCap=352.0

Vehicle 4: Route=[0, 48, 69, 64, 6, 2, 5, 44, 0], Distance=196.32, RemCap=360.0

Vehicle 5: Route=[0, 7, 47, 20, 76, 60, 45, 37, 66, 59, 0], Distance=238.73, RemCap=355.0

Vehicle 6: Route=[0, 46, 65, 75, 56, 0], Distance=167.82, RemCap=417.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39064.77

--------------------------------------------------

--- Training with max\_vehicles = 8 ---

Ep 1/50 | Reward 5736.16 | Loss 1129162682.34 | Dist 1705.20 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 77, 6, 7, 5, 72, 26, 25, 1, 2, 36, 22, 24, 50, 21, 40, 32, 39, 16, 51, 14, 18, 30, 9, 28, 12, 10, 11, 54, 0], Distance=300.23, RemCap=16.0

Vehicle 1: Route=[0, 67, 43, 17, 19, 29, 37, 33, 69, 58, 78, 35, 47, 55, 0], Distance=206.15, RemCap=205.0

Vehicle 2: Route=[0, 80, 41, 4, 74, 27, 8, 13, 60, 45, 0], Distance=251.06, RemCap=368.0

Vehicle 3: Route=[0, 34, 75, 68, 53, 52, 15, 70, 63, 0], Distance=252.33, RemCap=353.0

Vehicle 4: Route=[0, 57, 66, 79, 20, 23, 3, 56, 0], Distance=194.31, RemCap=355.0

Vehicle 5: Route=[0, 46, 76, 59, 42, 0], Distance=162.64, RemCap=434.0

Vehicle 6: Route=[0, 44, 49, 48, 73, 0], Distance=218.07, RemCap=413.0

Vehicle 7: Route=[0, 65, 62, 71, 64, 61, 0], Distance=120.40, RemCap=417.0

Total vehicle waiting time = 78.39

Total customer waiting time = 34714.42

--------------------------------------------------

Ep 2/50 | Reward 6146.49 | Loss 1347788163.20 | Dist 1551.66 | Vehl 8

Vehicle 0: Route=[0, 11, 9, 28, 12, 13, 33, 31, 62, 6, 7, 74, 63, 26, 25, 2, 23, 22, 40, 32, 39, 17, 16, 14, 15, 48, 18, 19, 29, 37, 30, 60, 0], Distance=312.21, RemCap=20.0

Vehicle 1: Route=[0, 43, 21, 24, 3, 47, 27, 8, 64, 77, 69, 59, 10, 55, 0], Distance=217.56, RemCap=244.0

Vehicle 2: Route=[0, 45, 61, 73, 75, 58, 79, 36, 1, 44, 0], Distance=247.40, RemCap=303.0

Vehicle 3: Route=[0, 41, 20, 4, 72, 56, 34, 54, 65, 0], Distance=184.59, RemCap=349.0

Vehicle 4: Route=[0, 38, 35, 49, 76, 52, 42, 0], Distance=168.69, RemCap=390.0

Vehicle 5: Route=[0, 68, 80, 46, 50, 0], Distance=140.97, RemCap=414.0

Vehicle 6: Route=[0, 67, 5, 78, 71, 57, 0], Distance=110.35, RemCap=416.0

Vehicle 7: Route=[0, 53, 66, 70, 51, 0], Distance=169.88, RemCap=425.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33691.65

--------------------------------------------------

Ep 3/50 | Reward 6201.43 | Loss 1380580460.45 | Dist 1636.98 | Vehl 8

Vehicle 0: Route=[0, 38, 6, 8, 5, 26, 49, 25, 4, 3, 1, 23, 21, 40, 36, 32, 76, 39, 17, 16, 14, 18, 19, 37, 30, 9, 28, 10, 33, 31, 73, 0], Distance=352.16, RemCap=6.0

Vehicle 1: Route=[0, 29, 51, 15, 11, 13, 59, 75, 56, 7, 72, 24, 43, 50, 0], Distance=266.76, RemCap=270.0

Vehicle 2: Route=[0, 70, 22, 2, 55, 34, 77, 78, 74, 35, 44, 0], Distance=214.09, RemCap=270.0

Vehicle 3: Route=[0, 27, 63, 20, 65, 54, 42, 68, 12, 52, 0], Distance=244.78, RemCap=344.0

Vehicle 4: Route=[0, 71, 47, 80, 46, 66, 60, 0], Distance=142.05, RemCap=403.0

Vehicle 5: Route=[0, 41, 53, 45, 0], Distance=150.04, RemCap=463.0

Vehicle 6: Route=[0, 58, 62, 57, 48, 0], Distance=139.05, RemCap=419.0

Vehicle 7: Route=[0, 79, 67, 61, 69, 64, 0], Distance=128.05, RemCap=386.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36460.34

--------------------------------------------------

Ep 4/50 | Reward 5706.90 | Loss 1069225028.90 | Dist 1593.36 | Vehl 8

Vehicle 0: Route=[0, 79, 32, 39, 21, 20, 23, 24, 36, 2, 3, 4, 25, 5, 35, 71, 6, 7, 64, 34, 31, 38, 11, 59, 12, 9, 30, 29, 17, 15, 18, 48, 0], Distance=343.46, RemCap=1.0

Vehicle 1: Route=[0, 47, 41, 70, 40, 76, 60, 16, 19, 53, 33, 61, 0], Distance=208.22, RemCap=311.0

Vehicle 2: Route=[0, 52, 28, 68, 13, 69, 78, 72, 26, 1, 63, 74, 0], Distance=198.94, RemCap=312.0

Vehicle 3: Route=[0, 43, 22, 50, 14, 10, 73, 27, 44, 0], Distance=241.01, RemCap=323.0

Vehicle 4: Route=[0, 51, 57, 80, 8, 56, 58, 0], Distance=178.44, RemCap=368.0

Vehicle 5: Route=[0, 55, 49, 65, 37, 45, 42, 0], Distance=155.43, RemCap=401.0

Vehicle 6: Route=[0, 46, 77, 62, 54, 0], Distance=138.64, RemCap=406.0

Vehicle 7: Route=[0, 66, 75, 67, 0], Distance=129.22, RemCap=439.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37678.68

--------------------------------------------------

Ep 5/50 | Reward 5858.27 | Loss 1189816178.64 | Dist 1529.71 | Vehl 8

Vehicle 0: Route=[0, 80, 47, 5, 63, 25, 4, 3, 1, 23, 24, 22, 40, 32, 39, 29, 17, 48, 18, 37, 9, 28, 12, 10, 11, 13, 31, 56, 27, 7, 6, 77, 0], Distance=279.23, RemCap=18.0

Vehicle 1: Route=[0, 55, 36, 50, 21, 70, 72, 69, 30, 19, 16, 51, 15, 45, 0], Distance=260.51, RemCap=275.0

Vehicle 2: Route=[0, 57, 42, 20, 41, 67, 49, 35, 75, 34, 8, 74, 0], Distance=245.59, RemCap=265.0

Vehicle 3: Route=[0, 58, 33, 73, 59, 68, 14, 52, 0], Distance=203.92, RemCap=329.0

Vehicle 4: Route=[0, 65, 76, 43, 2, 78, 38, 53, 0], Distance=157.49, RemCap=381.0

Vehicle 5: Route=[0, 26, 71, 61, 62, 0], Distance=127.09, RemCap=430.0

Vehicle 6: Route=[0, 54, 79, 44, 0], Distance=98.63, RemCap=430.0

Vehicle 7: Route=[0, 64, 66, 60, 46, 0], Distance=157.24, RemCap=433.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36053.90

--------------------------------------------------

Ep 6/50 | Reward 6304.82 | Loss 1417343581.38 | Dist 1646.49 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 13, 10, 9, 28, 12, 34, 8, 27, 7, 35, 26, 3, 1, 36, 39, 29, 42, 37, 19, 18, 15, 14, 51, 16, 17, 21, 20, 23, 41, 0], Distance=354.64, RemCap=3.0

Vehicle 1: Route=[0, 80, 72, 49, 2, 79, 32, 53, 33, 11, 30, 52, 45, 0], Distance=211.69, RemCap=257.0

Vehicle 2: Route=[0, 65, 22, 24, 63, 78, 6, 71, 62, 73, 69, 0], Distance=211.33, RemCap=360.0

Vehicle 3: Route=[0, 55, 61, 76, 43, 25, 5, 44, 74, 58, 0], Distance=194.48, RemCap=283.0

Vehicle 4: Route=[0, 57, 40, 70, 4, 77, 59, 0], Distance=210.01, RemCap=376.0

Vehicle 5: Route=[0, 56, 54, 66, 50, 0], Distance=154.35, RemCap=413.0

Vehicle 6: Route=[0, 46, 67, 47, 64, 68, 0], Distance=164.17, RemCap=408.0

Vehicle 7: Route=[0, 75, 48, 60, 0], Distance=145.83, RemCap=461.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35048.50

--------------------------------------------------

Ep 7/50 | Reward 5272.87 | Loss 878970756.12 | Dist 1699.48 | Vehl 8

Vehicle 0: Route=[0, 2, 1, 3, 4, 5, 35, 6, 7, 8, 58, 33, 11, 68, 12, 28, 37, 42, 19, 15, 14, 17, 40, 21, 20, 23, 32, 36, 79, 0], Distance=305.55, RemCap=7.0

Vehicle 1: Route=[0, 60, 16, 57, 38, 31, 75, 34, 55, 63, 24, 50, 41, 0], Distance=252.79, RemCap=310.0

Vehicle 2: Route=[0, 39, 67, 25, 72, 27, 56, 13, 10, 61, 53, 54, 0], Distance=185.58, RemCap=287.0

Vehicle 3: Route=[0, 22, 29, 48, 9, 78, 47, 0], Distance=211.38, RemCap=391.0

Vehicle 4: Route=[0, 74, 44, 46, 70, 18, 30, 73, 59, 0], Distance=247.33, RemCap=327.0

Vehicle 5: Route=[0, 69, 62, 66, 43, 26, 49, 0], Distance=171.24, RemCap=377.0

Vehicle 6: Route=[0, 71, 76, 52, 51, 0], Distance=166.63, RemCap=441.0

Vehicle 7: Route=[0, 65, 45, 80, 64, 77, 0], Distance=158.97, RemCap=421.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41543.41

--------------------------------------------------

Ep 8/50 | Reward 6473.33 | Loss 1504506974.38 | Dist 1622.35 | Vehl 8

Vehicle 0: Route=[0, 55, 36, 22, 24, 23, 1, 4, 26, 5, 35, 6, 27, 34, 31, 33, 13, 10, 12, 28, 9, 11, 30, 37, 18, 15, 16, 17, 19, 39, 40, 32, 60, 0], Distance=318.40, RemCap=10.0

Vehicle 1: Route=[0, 42, 29, 14, 59, 38, 56, 7, 47, 2, 63, 3, 67, 80, 79, 0], Distance=251.43, RemCap=222.0

Vehicle 2: Route=[0, 76, 51, 75, 44, 25, 46, 21, 41, 0], Distance=257.33, RemCap=367.0

Vehicle 3: Route=[0, 62, 8, 64, 61, 43, 70, 0], Distance=178.90, RemCap=375.0

Vehicle 4: Route=[0, 65, 78, 69, 68, 45, 53, 0], Distance=178.38, RemCap=410.0

Vehicle 5: Route=[0, 50, 20, 48, 66, 73, 58, 0], Distance=208.26, RemCap=355.0

Vehicle 6: Route=[0, 52, 57, 49, 72, 74, 71, 0], Distance=154.68, RemCap=371.0

Vehicle 7: Route=[0, 54, 77, 0], Distance=74.97, RemCap=451.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36349.87

--------------------------------------------------

Ep 9/50 | Reward 5956.43 | Loss 1166238338.92 | Dist 1631.71 | Vehl 8

Vehicle 0: Route=[0, 2, 26, 25, 4, 1, 23, 21, 40, 32, 39, 19, 17, 16, 14, 18, 29, 30, 9, 28, 12, 10, 33, 34, 8, 7, 35, 31, 38, 0], Distance=321.05, RemCap=5.0

Vehicle 1: Route=[0, 13, 65, 70, 20, 24, 49, 72, 5, 27, 6, 77, 64, 58, 0], Distance=216.04, RemCap=227.0

Vehicle 2: Route=[0, 71, 3, 74, 62, 61, 37, 15, 51, 57, 0], Distance=222.10, RemCap=351.0

Vehicle 3: Route=[0, 43, 50, 48, 54, 11, 68, 59, 56, 0], Distance=211.67, RemCap=351.0

Vehicle 4: Route=[0, 55, 78, 44, 63, 46, 36, 66, 45, 0], Distance=220.46, RemCap=336.0

Vehicle 5: Route=[0, 79, 80, 47, 75, 53, 0], Distance=109.86, RemCap=407.0

Vehicle 6: Route=[0, 69, 67, 22, 60, 52, 42, 0], Distance=183.81, RemCap=404.0

Vehicle 7: Route=[0, 73, 76, 41, 0], Distance=146.72, RemCap=480.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35602.35

--------------------------------------------------

Ep 10/50 | Reward 5726.87 | Loss 1112505887.25 | Dist 1537.31 | Vehl 8

Vehicle 0: Route=[0, 2, 3, 4, 25, 26, 5, 35, 7, 27, 8, 31, 75, 73, 12, 28, 61, 11, 30, 42, 29, 18, 15, 14, 17, 19, 40, 22, 23, 21, 50, 0], Distance=309.94, RemCap=13.0

Vehicle 1: Route=[0, 47, 1, 72, 6, 56, 64, 34, 13, 9, 60, 70, 20, 41, 0], Distance=243.02, RemCap=273.0

Vehicle 2: Route=[0, 38, 69, 33, 53, 52, 16, 39, 36, 67, 49, 74, 0], Distance=232.68, RemCap=270.0

Vehicle 3: Route=[0, 77, 24, 32, 66, 68, 10, 59, 0], Distance=185.30, RemCap=346.0

Vehicle 4: Route=[0, 76, 57, 55, 58, 0], Distance=102.99, RemCap=414.0

Vehicle 5: Route=[0, 63, 79, 65, 51, 48, 37, 62, 0], Distance=183.46, RemCap=395.0

Vehicle 6: Route=[0, 80, 43, 54, 45, 0], Distance=145.48, RemCap=435.0

Vehicle 7: Route=[0, 46, 44, 78, 71, 0], Distance=134.42, RemCap=415.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37739.27

--------------------------------------------------

Ep 11/50 | Reward 5825.35 | Loss 1169071435.44 | Dist 1574.99 | Vehl 8

Vehicle 0: Route=[0, 36, 24, 23, 1, 4, 25, 2, 5, 35, 71, 6, 7, 27, 8, 77, 34, 31, 13, 10, 28, 9, 53, 30, 37, 18, 15, 14, 17, 40, 32, 76, 42, 0], Distance=348.08, RemCap=5.0

Vehicle 1: Route=[0, 38, 59, 11, 29, 39, 43, 79, 3, 49, 44, 56, 58, 0], Distance=234.49, RemCap=219.0

Vehicle 2: Route=[0, 54, 48, 51, 16, 67, 26, 72, 0], Distance=164.10, RemCap=398.0

Vehicle 3: Route=[0, 62, 69, 75, 33, 60, 19, 70, 20, 21, 50, 0], Distance=201.94, RemCap=283.0

Vehicle 4: Route=[0, 57, 12, 78, 74, 55, 22, 41, 0], Distance=180.42, RemCap=380.0

Vehicle 5: Route=[0, 65, 66, 68, 64, 47, 0], Distance=118.47, RemCap=430.0

Vehicle 6: Route=[0, 80, 46, 52, 0], Distance=140.95, RemCap=423.0

Vehicle 7: Route=[0, 45, 61, 73, 63, 0], Distance=186.55, RemCap=423.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38531.56

--------------------------------------------------

Ep 12/50 | Reward 6283.08 | Loss 1430529129.69 | Dist 1578.64 | Vehl 8

Vehicle 0: Route=[0, 32, 36, 1, 3, 4, 2, 5, 35, 6, 27, 8, 34, 31, 33, 13, 11, 68, 59, 12, 28, 30, 37, 18, 15, 14, 16, 19, 29, 38, 54, 42, 0], Distance=321.95, RemCap=0.0

Vehicle 1: Route=[0, 67, 49, 25, 26, 55, 7, 64, 9, 17, 60, 39, 43, 50, 0], Distance=263.47, RemCap=257.0

Vehicle 2: Route=[0, 57, 75, 77, 24, 46, 21, 40, 45, 48, 0], Distance=228.96, RemCap=356.0

Vehicle 3: Route=[0, 79, 20, 23, 44, 78, 53, 61, 10, 52, 0], Distance=217.23, RemCap=241.0

Vehicle 4: Route=[0, 62, 73, 66, 51, 76, 41, 0], Distance=196.68, RemCap=427.0

Vehicle 5: Route=[0, 80, 72, 69, 58, 0], Distance=102.78, RemCap=414.0

Vehicle 6: Route=[0, 65, 22, 63, 74, 47, 0], Distance=111.99, RemCap=411.0

Vehicle 7: Route=[0, 70, 71, 56, 0], Distance=135.57, RemCap=455.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35567.77

--------------------------------------------------

Ep 13/50 | Reward 5659.40 | Loss 1060543590.14 | Dist 1595.25 | Vehl 8

Vehicle 0: Route=[0, 54, 19, 17, 16, 14, 18, 37, 30, 11, 13, 10, 9, 28, 12, 73, 8, 27, 7, 6, 35, 26, 4, 3, 2, 67, 22, 23, 21, 46, 0], Distance=304.95, RemCap=9.0

Vehicle 1: Route=[0, 32, 39, 76, 66, 52, 53, 33, 78, 5, 79, 55, 0], Distance=195.06, RemCap=290.0

Vehicle 2: Route=[0, 57, 68, 59, 75, 34, 31, 74, 25, 40, 48, 29, 42, 0], Distance=250.61, RemCap=314.0

Vehicle 3: Route=[0, 45, 69, 77, 47, 1, 44, 0], Distance=204.94, RemCap=371.0

Vehicle 4: Route=[0, 38, 65, 36, 20, 60, 61, 62, 0], Distance=162.95, RemCap=358.0

Vehicle 5: Route=[0, 71, 15, 50, 43, 0], Distance=158.54, RemCap=435.0

Vehicle 6: Route=[0, 64, 56, 80, 49, 63, 0], Distance=116.14, RemCap=394.0

Vehicle 7: Route=[0, 58, 72, 24, 41, 70, 51, 0], Distance=202.07, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39342.29

--------------------------------------------------

Ep 14/50 | Reward 6214.94 | Loss 1307389596.69 | Dist 1656.33 | Vehl 8

Vehicle 0: Route=[0, 32, 21, 39, 16, 14, 15, 18, 29, 37, 30, 11, 13, 10, 9, 28, 73, 31, 77, 8, 27, 7, 35, 67, 1, 4, 25, 2, 5, 44, 0], Distance=336.61, RemCap=5.0

Vehicle 1: Route=[0, 80, 41, 24, 23, 3, 49, 26, 6, 58, 59, 51, 17, 53, 0], Distance=268.15, RemCap=237.0

Vehicle 2: Route=[0, 22, 47, 74, 55, 33, 68, 12, 34, 69, 0], Distance=204.25, RemCap=335.0

Vehicle 3: Route=[0, 65, 62, 64, 63, 72, 70, 19, 66, 0], Distance=218.11, RemCap=364.0

Vehicle 4: Route=[0, 36, 43, 40, 45, 54, 57, 71, 56, 0], Distance=182.71, RemCap=393.0

Vehicle 5: Route=[0, 78, 38, 76, 48, 52, 0], Distance=179.47, RemCap=420.0

Vehicle 6: Route=[0, 42, 20, 46, 79, 0], Distance=105.14, RemCap=406.0

Vehicle 7: Route=[0, 50, 60, 75, 61, 0], Distance=161.89, RemCap=401.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34047.97

--------------------------------------------------

Ep 15/50 | Reward 5401.79 | Loss 912899091.77 | Dist 1712.42 | Vehl 8

Vehicle 0: Route=[0, 2, 1, 4, 49, 5, 35, 7, 27, 8, 34, 31, 38, 33, 73, 12, 9, 13, 11, 18, 14, 19, 40, 21, 46, 23, 22, 32, 36, 79, 0], Distance=345.80, RemCap=1.0

Vehicle 1: Route=[0, 65, 29, 48, 16, 43, 80, 3, 44, 6, 77, 75, 30, 52, 0], Distance=285.48, RemCap=241.0

Vehicle 2: Route=[0, 71, 78, 26, 20, 51, 60, 66, 10, 59, 0], Distance=256.46, RemCap=308.0

Vehicle 3: Route=[0, 15, 17, 39, 70, 50, 41, 63, 64, 56, 0], Distance=217.68, RemCap=346.0

Vehicle 4: Route=[0, 47, 74, 25, 76, 45, 37, 53, 0], Distance=177.64, RemCap=408.0

Vehicle 5: Route=[0, 57, 28, 55, 24, 67, 58, 0], Distance=190.62, RemCap=374.0

Vehicle 6: Route=[0, 69, 61, 0], Distance=87.16, RemCap=440.0

Vehicle 7: Route=[0, 72, 62, 68, 54, 42, 0], Distance=151.58, RemCap=443.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39687.59

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Ep 16/50 | Reward 5672.62 | Loss 1069111854.29 | Dist 1639.84 | Vehl 8

Vehicle 0: Route=[0, 32, 23, 20, 70, 21, 40, 39, 29, 19, 17, 16, 15, 37, 28, 12, 11, 13, 33, 31, 34, 8, 6, 35, 44, 26, 25, 4, 1, 67, 71, 0], Distance=326.78, RemCap=6.0

Vehicle 1: Route=[0, 57, 9, 45, 18, 76, 50, 46, 24, 3, 2, 78, 47, 79, 0], Distance=252.69, RemCap=271.0

Vehicle 2: Route=[0, 55, 7, 27, 75, 73, 68, 30, 14, 60, 65, 54, 0], Distance=204.99, RemCap=326.0

Vehicle 3: Route=[0, 5, 58, 64, 69, 10, 66, 48, 41, 0], Distance=225.89, RemCap=332.0

Vehicle 4: Route=[0, 42, 43, 36, 72, 62, 0], Distance=155.46, RemCap=443.0

Vehicle 5: Route=[0, 22, 56, 38, 52, 51, 0], Distance=224.47, RemCap=403.0

Vehicle 6: Route=[0, 80, 63, 77, 61, 59, 0], Distance=136.29, RemCap=364.0

Vehicle 7: Route=[0, 53, 49, 74, 0], Distance=113.26, RemCap=416.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38440.51

--------------------------------------------------

Ep 17/50 | Reward 5865.60 | Loss 1135719209.23 | Dist 1694.80 | Vehl 8

Vehicle 0: Route=[0, 38, 57, 32, 39, 40, 43, 21, 23, 3, 4, 2, 5, 35, 6, 27, 34, 31, 33, 11, 10, 9, 30, 37, 19, 17, 14, 15, 18, 48, 0], Distance=325.85, RemCap=3.0

Vehicle 1: Route=[0, 67, 22, 1, 26, 72, 7, 56, 69, 59, 12, 51, 45, 0], Distance=256.22, RemCap=307.0

Vehicle 2: Route=[0, 36, 20, 16, 29, 54, 52, 28, 75, 77, 63, 80, 0], Distance=259.60, RemCap=265.0

Vehicle 3: Route=[0, 65, 60, 13, 62, 8, 47, 79, 24, 25, 49, 0], Distance=215.36, RemCap=333.0

Vehicle 4: Route=[0, 55, 44, 50, 76, 61, 0], Distance=168.11, RemCap=370.0

Vehicle 5: Route=[0, 68, 58, 71, 46, 41, 0], Distance=159.94, RemCap=405.0

Vehicle 6: Route=[0, 70, 42, 64, 74, 0], Distance=173.35, RemCap=440.0

Vehicle 7: Route=[0, 78, 73, 66, 53, 0], Distance=136.38, RemCap=438.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37945.07

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Ep 18/50 | Reward 6002.40 | Loss 1230633118.30 | Dist 1546.51 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 69, 8, 7, 5, 2, 26, 1, 24, 36, 32, 40, 39, 17, 16, 14, 15, 18, 19, 29, 37, 52, 30, 11, 10, 28, 12, 13, 73, 0], Distance=333.64, RemCap=11.0

Vehicle 1: Route=[0, 65, 45, 48, 21, 41, 22, 3, 4, 35, 74, 27, 34, 68, 59, 0], Distance=265.34, RemCap=294.0

Vehicle 2: Route=[0, 47, 78, 75, 9, 66, 70, 20, 67, 72, 0], Distance=245.62, RemCap=310.0

Vehicle 3: Route=[0, 76, 51, 54, 62, 58, 6, 25, 23, 46, 0], Distance=225.94, RemCap=323.0

Vehicle 4: Route=[0, 60, 53, 33, 64, 57, 0], Distance=116.33, RemCap=425.0

Vehicle 5: Route=[0, 79, 71, 77, 44, 63, 0], Distance=101.65, RemCap=394.0

Vehicle 6: Route=[0, 43, 80, 55, 0], Distance=66.54, RemCap=437.0

Vehicle 7: Route=[0, 42, 61, 56, 49, 50, 0], Distance=191.44, RemCap=367.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36048.54

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Ep 19/50 | Reward 5701.23 | Loss 1054965191.27 | Dist 1721.39 | Vehl 8

Vehicle 0: Route=[0, 32, 39, 40, 21, 50, 1, 3, 4, 2, 5, 27, 8, 64, 6, 80, 55, 38, 33, 13, 12, 9, 30, 37, 19, 17, 16, 14, 18, 48, 0], Distance=326.73, RemCap=5.0

Vehicle 1: Route=[0, 67, 26, 20, 70, 66, 10, 61, 31, 34, 69, 77, 7, 74, 0], Distance=238.26, RemCap=200.0

Vehicle 2: Route=[0, 79, 72, 23, 22, 51, 29, 60, 11, 28, 73, 53, 76, 0], Distance=273.52, RemCap=333.0

Vehicle 3: Route=[0, 62, 58, 35, 36, 24, 42, 52, 0], Distance=187.55, RemCap=375.0

Vehicle 4: Route=[0, 63, 49, 15, 75, 59, 0], Distance=228.73, RemCap=380.0

Vehicle 5: Route=[0, 57, 71, 46, 45, 0], Distance=172.80, RemCap=439.0

Vehicle 6: Route=[0, 65, 43, 47, 78, 56, 0], Distance=123.07, RemCap=408.0

Vehicle 7: Route=[0, 54, 68, 44, 25, 41, 0], Distance=170.71, RemCap=421.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37689.52

--------------------------------------------------

Ep 20/50 | Reward 5729.89 | Loss 1065961971.00 | Dist 1756.28 | Vehl 8

Vehicle 0: Route=[0, 36, 40, 39, 65, 57, 30, 29, 17, 16, 15, 18, 52, 28, 10, 11, 33, 31, 6, 27, 35, 5, 26, 25, 3, 23, 46, 20, 21, 43, 0], Distance=329.50, RemCap=7.0

Vehicle 1: Route=[0, 79, 50, 19, 9, 12, 13, 8, 58, 77, 71, 72, 67, 0], Distance=248.15, RemCap=251.0

Vehicle 2: Route=[0, 37, 32, 70, 24, 80, 2, 44, 34, 64, 56, 0], Distance=247.71, RemCap=323.0

Vehicle 3: Route=[0, 54, 66, 14, 61, 55, 4, 1, 41, 0], Distance=226.29, RemCap=316.0

Vehicle 4: Route=[0, 74, 7, 75, 38, 42, 48, 51, 0], Distance=196.65, RemCap=394.0

Vehicle 5: Route=[0, 59, 53, 76, 22, 63, 0], Distance=164.57, RemCap=420.0

Vehicle 6: Route=[0, 62, 78, 73, 60, 45, 0], Distance=192.79, RemCap=439.0

Vehicle 7: Route=[0, 49, 47, 68, 69, 0], Distance=150.63, RemCap=411.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37689.89

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Ep 21/50 | Reward 5782.26 | Loss 1088735982.58 | Dist 1578.19 | Vehl 8

Vehicle 0: Route=[0, 36, 21, 23, 1, 4, 25, 26, 5, 74, 47, 71, 6, 27, 8, 34, 31, 13, 11, 10, 28, 37, 42, 39, 29, 19, 17, 16, 51, 14, 45, 0], Distance=347.84, RemCap=15.0

Vehicle 1: Route=[0, 73, 12, 54, 32, 46, 24, 2, 35, 7, 77, 58, 0], Distance=222.04, RemCap=281.0

Vehicle 2: Route=[0, 65, 38, 64, 78, 3, 67, 41, 40, 18, 53, 0], Distance=230.86, RemCap=363.0

Vehicle 3: Route=[0, 55, 49, 44, 56, 57, 33, 9, 30, 48, 0], Distance=225.76, RemCap=295.0

Vehicle 4: Route=[0, 15, 70, 20, 72, 69, 75, 61, 59, 0], Distance=266.57, RemCap=310.0

Vehicle 5: Route=[0, 62, 66, 52, 68, 0], Distance=104.51, RemCap=426.0

Vehicle 6: Route=[0, 80, 22, 43, 50, 0], Distance=79.66, RemCap=424.0

Vehicle 7: Route=[0, 60, 76, 63, 79, 0], Distance=100.94, RemCap=447.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38352.81

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Ep 22/50 | Reward 5712.72 | Loss 1076327177.69 | Dist 1699.48 | Vehl 8

Vehicle 0: Route=[0, 11, 9, 28, 10, 13, 33, 31, 8, 7, 6, 35, 5, 26, 4, 3, 20, 70, 40, 39, 17, 16, 51, 18, 19, 29, 37, 54, 79, 0], Distance=313.24, RemCap=9.0

Vehicle 1: Route=[0, 74, 44, 2, 24, 21, 36, 65, 60, 15, 52, 53, 59, 0], Distance=274.68, RemCap=274.0

Vehicle 2: Route=[0, 32, 72, 71, 69, 34, 61, 14, 45, 0], Distance=230.23, RemCap=350.0

Vehicle 3: Route=[0, 80, 1, 25, 27, 75, 73, 76, 23, 50, 0], Distance=229.95, RemCap=364.0

Vehicle 4: Route=[0, 22, 41, 42, 66, 30, 12, 64, 47, 0], Distance=181.72, RemCap=401.0

Vehicle 5: Route=[0, 48, 38, 55, 49, 63, 78, 0], Distance=191.12, RemCap=367.0

Vehicle 6: Route=[0, 77, 56, 67, 46, 0], Distance=127.96, RemCap=397.0

Vehicle 7: Route=[0, 43, 57, 68, 58, 62, 0], Distance=150.58, RemCap=399.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35923.49

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Ep 23/50 | Reward 6198.41 | Loss 1284428125.36 | Dist 1697.58 | Vehl 8

Vehicle 0: Route=[0, 57, 33, 13, 12, 28, 10, 30, 37, 18, 15, 19, 29, 60, 76, 39, 40, 21, 20, 32, 36, 1, 3, 2, 5, 35, 27, 8, 31, 38, 79, 0], Distance=325.99, RemCap=10.0

Vehicle 1: Route=[0, 53, 11, 9, 48, 14, 51, 43, 22, 23, 67, 7, 64, 69, 0], Distance=238.84, RemCap=280.0

Vehicle 2: Route=[0, 24, 49, 55, 71, 6, 56, 34, 59, 52, 0], Distance=209.84, RemCap=298.0

Vehicle 3: Route=[0, 65, 45, 61, 62, 4, 26, 78, 58, 0], Distance=216.75, RemCap=332.0

Vehicle 4: Route=[0, 25, 44, 77, 75, 54, 17, 16, 41, 0], Distance=241.15, RemCap=351.0

Vehicle 5: Route=[0, 73, 66, 70, 63, 74, 0], Distance=211.42, RemCap=408.0

Vehicle 6: Route=[0, 68, 42, 46, 72, 0], Distance=170.96, RemCap=447.0

Vehicle 7: Route=[0, 50, 80, 47, 0], Distance=82.63, RemCap=435.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34453.67

--------------------------------------------------

Ep 24/50 | Reward 6006.97 | Loss 1214877417.65 | Dist 1488.69 | Vehl 8

Vehicle 0: Route=[0, 80, 69, 8, 27, 7, 6, 35, 5, 26, 4, 3, 36, 22, 40, 39, 17, 14, 15, 18, 19, 29, 37, 30, 9, 28, 12, 73, 75, 13, 11, 61, 0], Distance=330.09, RemCap=4.0

Vehicle 1: Route=[0, 42, 48, 52, 59, 33, 31, 64, 72, 25, 2, 23, 46, 41, 0], Distance=247.99, RemCap=280.0

Vehicle 2: Route=[0, 60, 57, 34, 71, 44, 49, 1, 24, 63, 0], Distance=221.03, RemCap=331.0

Vehicle 3: Route=[0, 76, 16, 21, 70, 20, 50, 32, 78, 56, 58, 0], Distance=202.08, RemCap=291.0

Vehicle 4: Route=[0, 43, 65, 66, 51, 0], Distance=147.47, RemCap=429.0

Vehicle 5: Route=[0, 74, 38, 45, 10, 68, 0], Distance=168.11, RemCap=397.0

Vehicle 6: Route=[0, 67, 47, 55, 77, 53, 0], Distance=104.69, RemCap=384.0

Vehicle 7: Route=[0, 79, 62, 54, 0], Distance=67.23, RemCap=445.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37123.62

--------------------------------------------------

Ep 25/50 | Reward 5684.25 | Loss 1068387879.40 | Dist 1611.84 | Vehl 8

Vehicle 0: Route=[0, 65, 79, 32, 40, 21, 23, 3, 4, 25, 26, 2, 5, 35, 47, 6, 7, 27, 64, 38, 33, 13, 10, 28, 30, 37, 29, 19, 15, 16, 39, 76, 0], Distance=326.51, RemCap=5.0

Vehicle 1: Route=[0, 60, 18, 51, 20, 24, 36, 71, 77, 69, 34, 59, 12, 61, 66, 0], Distance=254.38, RemCap=230.0

Vehicle 2: Route=[0, 57, 68, 73, 56, 44, 1, 50, 17, 48, 0], Distance=251.43, RemCap=337.0

Vehicle 3: Route=[0, 42, 14, 9, 75, 8, 63, 67, 70, 55, 0], Distance=275.46, RemCap=317.0

Vehicle 4: Route=[0, 58, 11, 52, 45, 53, 43, 46, 41, 0], Distance=217.13, RemCap=332.0

Vehicle 5: Route=[0, 31, 62, 22, 72, 78, 74, 0], Distance=173.23, RemCap=415.0

Vehicle 6: Route=[0, 80, 0], Distance=23.57, RemCap=484.0

Vehicle 7: Route=[0, 54, 49, 0], Distance=90.14, RemCap=441.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40528.22

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Ep 26/50 | Reward 5823.51 | Loss 1120969408.29 | Dist 1725.15 | Vehl 8

Vehicle 0: Route=[0, 37, 29, 18, 15, 16, 17, 39, 32, 21, 20, 23, 24, 55, 71, 35, 63, 2, 1, 26, 5, 74, 8, 34, 31, 33, 13, 9, 28, 12, 73, 0], Distance=376.45, RemCap=6.0

Vehicle 1: Route=[0, 38, 60, 76, 40, 3, 7, 27, 56, 64, 69, 59, 11, 53, 0], Distance=216.23, RemCap=327.0

Vehicle 2: Route=[0, 36, 70, 48, 66, 57, 10, 75, 78, 72, 0], Distance=268.79, RemCap=337.0

Vehicle 3: Route=[0, 30, 14, 19, 46, 4, 25, 79, 80, 0], Distance=198.94, RemCap=324.0

Vehicle 4: Route=[0, 65, 61, 77, 6, 22, 43, 51, 0], Distance=217.28, RemCap=347.0

Vehicle 5: Route=[0, 62, 47, 44, 50, 0], Distance=132.22, RemCap=406.0

Vehicle 6: Route=[0, 54, 42, 45, 67, 41, 0], Distance=154.47, RemCap=435.0

Vehicle 7: Route=[0, 49, 58, 52, 68, 0], Distance=160.77, RemCap=379.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36853.29

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Ep 27/50 | Reward 5880.91 | Loss 1170516588.26 | Dist 1613.54 | Vehl 8

Vehicle 0: Route=[0, 31, 33, 73, 12, 9, 68, 13, 37, 18, 15, 14, 60, 39, 40, 21, 41, 23, 24, 36, 67, 1, 3, 26, 2, 5, 35, 71, 6, 7, 27, 8, 56, 0], Distance=334.38, RemCap=56.0

Vehicle 1: Route=[0, 79, 43, 17, 19, 29, 66, 28, 75, 64, 38, 57, 62, 0], Distance=225.87, RemCap=274.0

Vehicle 2: Route=[0, 55, 4, 70, 32, 11, 59, 45, 0], Distance=232.42, RemCap=367.0

Vehicle 3: Route=[0, 63, 76, 42, 53, 30, 10, 61, 0], Distance=159.23, RemCap=358.0

Vehicle 4: Route=[0, 20, 22, 58, 34, 52, 51, 48, 0], Distance=240.94, RemCap=330.0

Vehicle 5: Route=[0, 65, 16, 47, 74, 44, 25, 49, 0], Distance=173.58, RemCap=351.0

Vehicle 6: Route=[0, 80, 77, 78, 72, 0], Distance=108.95, RemCap=424.0

Vehicle 7: Route=[0, 46, 50, 54, 69, 0], Distance=138.17, RemCap=401.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37620.07

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Ep 28/50 | Reward 5635.41 | Loss 982216211.89 | Dist 1672.71 | Vehl 8

Vehicle 0: Route=[0, 6, 8, 7, 35, 5, 2, 4, 23, 46, 20, 22, 40, 32, 19, 17, 16, 14, 15, 18, 37, 9, 12, 10, 33, 31, 75, 73, 0], Distance=341.22, RemCap=0.0

Vehicle 1: Route=[0, 11, 13, 34, 64, 71, 49, 3, 67, 36, 70, 51, 42, 0], Distance=264.57, RemCap=321.0

Vehicle 2: Route=[0, 79, 39, 43, 1, 26, 74, 62, 28, 57, 38, 65, 0], Distance=206.38, RemCap=318.0

Vehicle 3: Route=[0, 55, 27, 78, 56, 68, 30, 29, 48, 24, 63, 0], Distance=235.42, RemCap=324.0

Vehicle 4: Route=[0, 47, 44, 61, 45, 41, 50, 0], Distance=205.97, RemCap=361.0

Vehicle 5: Route=[0, 21, 60, 53, 69, 77, 80, 0], Distance=154.90, RemCap=398.0

Vehicle 6: Route=[0, 58, 59, 52, 76, 54, 0], Distance=150.83, RemCap=377.0

Vehicle 7: Route=[0, 66, 25, 72, 0], Distance=113.41, RemCap=462.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36652.07

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Ep 29/50 | Reward 5648.63 | Loss 1026714171.90 | Dist 1640.87 | Vehl 8

Vehicle 0: Route=[0, 55, 36, 22, 24, 23, 21, 32, 39, 29, 19, 17, 14, 15, 18, 30, 9, 10, 11, 34, 8, 27, 7, 35, 26, 3, 1, 49, 0], Distance=306.13, RemCap=9.0

Vehicle 1: Route=[0, 46, 67, 5, 74, 6, 38, 66, 16, 48, 12, 61, 13, 69, 58, 0], Distance=293.79, RemCap=206.0

Vehicle 2: Route=[0, 53, 33, 59, 52, 37, 60, 2, 41, 0], Distance=200.26, RemCap=344.0

Vehicle 3: Route=[0, 4, 20, 51, 45, 28, 68, 31, 62, 57, 54, 0], Distance=237.02, RemCap=337.0

Vehicle 4: Route=[0, 42, 40, 50, 25, 63, 44, 47, 78, 0], Distance=188.06, RemCap=360.0

Vehicle 5: Route=[0, 43, 80, 71, 0], Distance=80.59, RemCap=459.0

Vehicle 6: Route=[0, 64, 72, 76, 79, 0], Distance=142.08, RemCap=456.0

Vehicle 7: Route=[0, 65, 70, 77, 56, 73, 75, 0], Distance=192.94, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40642.66

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Ep 30/50 | Reward 6137.03 | Loss 1233339314.40 | Dist 1655.26 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 34, 8, 27, 5, 2, 4, 3, 1, 20, 36, 32, 39, 29, 19, 17, 16, 14, 15, 18, 30, 9, 10, 11, 13, 73, 0], Distance=338.83, RemCap=7.0

Vehicle 1: Route=[0, 50, 46, 23, 25, 26, 63, 78, 56, 12, 28, 53, 42, 0], Distance=216.27, RemCap=300.0

Vehicle 2: Route=[0, 58, 74, 72, 24, 21, 40, 54, 37, 45, 0], Distance=223.08, RemCap=360.0

Vehicle 3: Route=[0, 65, 48, 33, 75, 6, 62, 57, 0], Distance=179.90, RemCap=383.0

Vehicle 4: Route=[0, 68, 59, 61, 7, 35, 49, 67, 79, 55, 0], Distance=159.34, RemCap=282.0

Vehicle 5: Route=[0, 76, 51, 22, 44, 69, 71, 47, 0], Distance=206.56, RemCap=393.0

Vehicle 6: Route=[0, 64, 43, 60, 66, 0], Distance=149.84, RemCap=443.0

Vehicle 7: Route=[0, 80, 77, 52, 70, 41, 0], Distance=181.44, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34662.61

--------------------------------------------------

Ep 31/50 | Reward 6401.35 | Loss 1379387022.91 | Dist 1611.19 | Vehl 8

Vehicle 0: Route=[0, 29, 19, 17, 16, 14, 15, 37, 30, 11, 10, 9, 28, 12, 13, 31, 34, 8, 27, 6, 35, 5, 26, 4, 3, 2, 24, 40, 32, 36, 80, 0], Distance=308.50, RemCap=7.0

Vehicle 1: Route=[0, 47, 72, 7, 64, 33, 38, 66, 39, 23, 46, 20, 21, 51, 0], Distance=283.32, RemCap=260.0

Vehicle 2: Route=[0, 77, 56, 78, 74, 25, 1, 67, 79, 18, 54, 0], Distance=194.47, RemCap=300.0

Vehicle 3: Route=[0, 55, 65, 50, 45, 60, 0], Distance=145.14, RemCap=411.0

Vehicle 4: Route=[0, 43, 22, 71, 59, 53, 0], Distance=148.15, RemCap=418.0

Vehicle 5: Route=[0, 63, 62, 61, 68, 42, 48, 52, 0], Distance=195.34, RemCap=371.0

Vehicle 6: Route=[0, 76, 73, 69, 49, 70, 41, 0], Distance=213.05, RemCap=400.0

Vehicle 7: Route=[0, 57, 75, 58, 44, 0], Distance=123.22, RemCap=394.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35065.79

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Ep 32/50 | Reward 6353.79 | Loss 1394602972.49 | Dist 1630.22 | Vehl 8

Vehicle 0: Route=[0, 32, 21, 22, 36, 79, 4, 26, 2, 35, 7, 27, 8, 34, 71, 38, 31, 33, 13, 10, 12, 28, 9, 11, 30, 37, 18, 15, 14, 16, 19, 29, 42, 0], Distance=344.66, RemCap=3.0

Vehicle 1: Route=[0, 39, 20, 23, 1, 72, 6, 56, 64, 75, 77, 80, 0], Distance=213.15, RemCap=280.0

Vehicle 2: Route=[0, 41, 46, 3, 25, 58, 62, 57, 52, 17, 60, 0], Distance=231.74, RemCap=309.0

Vehicle 3: Route=[0, 74, 5, 51, 66, 68, 59, 61, 0], Distance=213.88, RemCap=335.0

Vehicle 4: Route=[0, 63, 67, 24, 40, 76, 54, 48, 0], Distance=181.42, RemCap=407.0

Vehicle 5: Route=[0, 49, 44, 53, 45, 0], Distance=167.28, RemCap=403.0

Vehicle 6: Route=[0, 43, 65, 73, 0], Distance=134.16, RemCap=460.0

Vehicle 7: Route=[0, 50, 70, 47, 78, 69, 55, 0], Distance=143.94, RemCap=364.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35134.31

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Ep 33/50 | Reward 5857.01 | Loss 1111675122.76 | Dist 1678.49 | Vehl 8

Vehicle 0: Route=[0, 36, 23, 21, 39, 29, 19, 17, 14, 48, 18, 37, 9, 28, 12, 13, 34, 8, 27, 7, 6, 25, 4, 3, 1, 2, 47, 38, 31, 33, 53, 65, 0], Distance=344.23, RemCap=1.0

Vehicle 1: Route=[0, 32, 40, 41, 24, 63, 5, 74, 58, 64, 11, 30, 42, 0], Distance=195.04, RemCap=307.0

Vehicle 2: Route=[0, 51, 15, 52, 10, 68, 71, 26, 49, 22, 79, 0], Distance=221.37, RemCap=303.0

Vehicle 3: Route=[0, 57, 62, 59, 16, 46, 80, 35, 44, 0], Distance=236.16, RemCap=336.0

Vehicle 4: Route=[0, 20, 67, 69, 73, 75, 0], Distance=176.29, RemCap=390.0

Vehicle 5: Route=[0, 70, 76, 66, 56, 61, 0], Distance=198.05, RemCap=399.0

Vehicle 6: Route=[0, 54, 43, 50, 72, 77, 55, 0], Distance=154.95, RemCap=364.0

Vehicle 7: Route=[0, 78, 60, 45, 0], Distance=152.40, RemCap=461.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37398.05

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Ep 34/50 | Reward 6003.64 | Loss 1192814462.71 | Dist 1693.52 | Vehl 8

Vehicle 0: Route=[0, 57, 31, 34, 33, 11, 10, 12, 28, 9, 30, 66, 37, 29, 18, 15, 14, 16, 39, 79, 36, 22, 24, 1, 3, 2, 71, 6, 7, 27, 8, 56, 0], Distance=337.47, RemCap=7.0

Vehicle 1: Route=[0, 17, 51, 52, 68, 13, 74, 35, 72, 4, 20, 21, 50, 0], Distance=247.43, RemCap=255.0

Vehicle 2: Route=[0, 65, 32, 23, 26, 38, 53, 62, 75, 58, 64, 0], Distance=220.41, RemCap=323.0

Vehicle 3: Route=[0, 73, 55, 63, 40, 19, 48, 0], Distance=222.65, RemCap=398.0

Vehicle 4: Route=[0, 42, 69, 78, 5, 67, 46, 41, 0], Distance=186.21, RemCap=374.0

Vehicle 5: Route=[0, 44, 25, 43, 54, 60, 0], Distance=148.88, RemCap=412.0

Vehicle 6: Route=[0, 47, 49, 80, 45, 0], Distance=149.40, RemCap=415.0

Vehicle 7: Route=[0, 76, 70, 77, 59, 61, 0], Distance=181.07, RemCap=377.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35754.34

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Ep 35/50 | Reward 5670.48 | Loss 1027600054.81 | Dist 1618.27 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 34, 73, 12, 13, 11, 30, 37, 42, 18, 14, 16, 19, 40, 21, 41, 23, 36, 79, 2, 26, 72, 5, 35, 6, 7, 27, 8, 69, 77, 0], Distance=335.34, RemCap=42.0

Vehicle 1: Route=[0, 47, 49, 4, 20, 50, 32, 76, 29, 48, 15, 28, 64, 0], Distance=258.25, RemCap=262.0

Vehicle 2: Route=[0, 60, 54, 9, 10, 57, 80, 3, 25, 74, 78, 62, 0], Distance=208.26, RemCap=298.0

Vehicle 3: Route=[0, 65, 46, 1, 63, 56, 33, 59, 0], Distance=193.18, RemCap=344.0

Vehicle 4: Route=[0, 22, 51, 17, 52, 61, 75, 71, 0], Distance=202.51, RemCap=354.0

Vehicle 5: Route=[0, 24, 70, 39, 66, 53, 58, 55, 0], Distance=158.76, RemCap=354.0

Vehicle 6: Route=[0, 44, 43, 45, 0], Distance=166.04, RemCap=440.0

Vehicle 7: Route=[0, 67, 68, 0], Distance=95.94, RemCap=467.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38671.60

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Ep 36/50 | Reward 5884.09 | Loss 1105663036.40 | Dist 1755.96 | Vehl 8

Vehicle 0: Route=[0, 36, 21, 20, 23, 1, 3, 4, 2, 5, 35, 8, 34, 33, 12, 28, 9, 10, 11, 30, 37, 39, 19, 17, 18, 14, 51, 0], Distance=326.92, RemCap=3.0

Vehicle 1: Route=[0, 40, 70, 50, 41, 71, 6, 31, 61, 66, 45, 0], Distance=221.33, RemCap=336.0

Vehicle 2: Route=[0, 32, 16, 29, 75, 58, 27, 78, 72, 67, 55, 0], Distance=224.57, RemCap=294.0

Vehicle 3: Route=[0, 38, 13, 48, 65, 79, 22, 46, 26, 80, 7, 77, 69, 0], Distance=266.81, RemCap=304.0

Vehicle 4: Route=[0, 60, 15, 76, 74, 73, 62, 0], Distance=212.22, RemCap=429.0

Vehicle 5: Route=[0, 24, 44, 56, 68, 53, 42, 0], Distance=192.86, RemCap=410.0

Vehicle 6: Route=[0, 49, 47, 57, 52, 0], Distance=133.15, RemCap=394.0

Vehicle 7: Route=[0, 54, 59, 64, 63, 25, 43, 0], Distance=178.10, RemCap=391.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36464.47

--------------------------------------------------

Ep 37/50 | Reward 6395.07 | Loss 1361871299.22 | Dist 1718.11 | Vehl 8

Vehicle 0: Route=[0, 2, 1, 5, 35, 74, 6, 7, 27, 64, 31, 13, 28, 9, 37, 18, 15, 14, 16, 17, 19, 20, 21, 40, 32, 39, 29, 30, 38, 54, 0], Distance=358.12, RemCap=5.0

Vehicle 1: Route=[0, 65, 41, 4, 25, 80, 47, 8, 34, 75, 33, 53, 66, 0], Distance=213.76, RemCap=295.0

Vehicle 2: Route=[0, 11, 68, 10, 12, 56, 49, 23, 50, 76, 51, 0], Distance=256.64, RemCap=297.0

Vehicle 3: Route=[0, 71, 44, 26, 3, 22, 60, 42, 73, 62, 0], Distance=209.28, RemCap=401.0

Vehicle 4: Route=[0, 36, 46, 70, 59, 69, 77, 55, 0], Distance=176.96, RemCap=334.0

Vehicle 5: Route=[0, 79, 67, 24, 61, 57, 0], Distance=123.22, RemCap=390.0

Vehicle 6: Route=[0, 58, 63, 43, 48, 52, 0], Distance=200.20, RemCap=379.0

Vehicle 7: Route=[0, 45, 78, 72, 0], Distance=179.94, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 32480.03

--------------------------------------------------

Ep 38/50 | Reward 5619.37 | Loss 1019631358.22 | Dist 1663.65 | Vehl 8

Vehicle 0: Route=[0, 32, 36, 79, 80, 31, 34, 58, 8, 7, 6, 35, 2, 26, 3, 23, 22, 43, 40, 16, 15, 48, 18, 37, 30, 11, 28, 12, 13, 54, 60, 0], Distance=349.27, RemCap=68.0

Vehicle 1: Route=[0, 50, 17, 14, 45, 29, 52, 9, 10, 33, 62, 56, 64, 0], Distance=227.13, RemCap=221.0

Vehicle 2: Route=[0, 42, 19, 70, 20, 1, 25, 5, 44, 74, 55, 67, 0], Distance=202.29, RemCap=250.0

Vehicle 3: Route=[0, 46, 24, 49, 27, 68, 75, 0], Distance=205.55, RemCap=380.0

Vehicle 4: Route=[0, 38, 53, 61, 51, 39, 21, 63, 0], Distance=202.94, RemCap=363.0

Vehicle 5: Route=[0, 71, 4, 76, 65, 57, 59, 0], Distance=176.12, RemCap=413.0

Vehicle 6: Route=[0, 73, 69, 77, 72, 0], Distance=140.74, RemCap=433.0

Vehicle 7: Route=[0, 47, 78, 66, 41, 0], Distance=159.61, RemCap=433.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37750.51

--------------------------------------------------

Ep 39/50 | Reward 6010.74 | Loss 1172507751.08 | Dist 1601.25 | Vehl 8

Vehicle 0: Route=[0, 39, 20, 46, 23, 24, 36, 2, 3, 4, 5, 35, 55, 7, 78, 8, 31, 75, 12, 28, 13, 11, 30, 37, 17, 16, 14, 15, 18, 45, 0], Distance=352.64, RemCap=25.0

Vehicle 1: Route=[0, 6, 58, 33, 61, 10, 52, 53, 21, 70, 1, 25, 49, 0], Distance=225.24, RemCap=189.0

Vehicle 2: Route=[0, 57, 68, 59, 34, 47, 26, 22, 41, 40, 48, 29, 76, 0], Distance=249.67, RemCap=325.0

Vehicle 3: Route=[0, 44, 27, 38, 60, 19, 9, 73, 0], Distance=223.56, RemCap=378.0

Vehicle 4: Route=[0, 69, 64, 71, 80, 32, 66, 0], Distance=130.82, RemCap=415.0

Vehicle 5: Route=[0, 56, 77, 62, 42, 50, 67, 0], Distance=164.13, RemCap=379.0

Vehicle 6: Route=[0, 65, 51, 43, 63, 72, 0], Distance=163.72, RemCap=417.0

Vehicle 7: Route=[0, 54, 79, 74, 0], Distance=91.47, RemCap=433.0

Total vehicle waiting time = 0.00

Total customer waiting time = 35393.59

--------------------------------------------------

Ep 40/50 | Reward 6608.71 | Loss 1528149971.74 | Dist 1603.64 | Vehl 8

Vehicle 0: Route=[0, 36, 2, 1, 3, 4, 5, 35, 7, 27, 8, 31, 33, 13, 11, 10, 12, 28, 9, 37, 15, 14, 16, 17, 19, 29, 40, 23, 20, 0], Distance=302.21, RemCap=4.0

Vehicle 1: Route=[0, 38, 71, 55, 80, 26, 41, 50, 70, 32, 39, 18, 57, 0], Distance=212.19, RemCap=310.0

Vehicle 2: Route=[0, 43, 46, 24, 79, 47, 74, 34, 59, 0], Distance=182.15, RemCap=324.0

Vehicle 3: Route=[0, 6, 78, 73, 30, 66, 60, 21, 25, 49, 72, 44, 0], Distance=244.98, RemCap=307.0

Vehicle 4: Route=[0, 67, 22, 53, 68, 75, 77, 56, 64, 0], Distance=184.26, RemCap=360.0

Vehicle 5: Route=[0, 65, 48, 42, 62, 69, 0], Distance=136.73, RemCap=439.0

Vehicle 6: Route=[0, 58, 61, 76, 45, 0], Distance=170.23, RemCap=407.0

Vehicle 7: Route=[0, 54, 52, 51, 63, 0], Distance=170.88, RemCap=410.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34098.20

--------------------------------------------------

Ep 41/50 | Reward 5798.55 | Loss 1091140193.74 | Dist 1675.44 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 34, 69, 64, 6, 35, 47, 26, 3, 2, 36, 23, 21, 43, 32, 39, 60, 19, 17, 14, 15, 18, 37, 30, 11, 13, 10, 9, 73, 0], Distance=352.30, RemCap=16.0

Vehicle 1: Route=[0, 22, 1, 8, 58, 61, 59, 12, 45, 16, 29, 53, 57, 0], Distance=252.69, RemCap=247.0

Vehicle 2: Route=[0, 67, 4, 7, 54, 68, 33, 75, 0], Distance=200.69, RemCap=375.0

Vehicle 3: Route=[0, 65, 40, 50, 25, 74, 78, 62, 0], Distance=149.49, RemCap=377.0

Vehicle 4: Route=[0, 20, 51, 52, 56, 27, 44, 5, 72, 0], Distance=242.84, RemCap=319.0

Vehicle 5: Route=[0, 28, 71, 55, 79, 41, 70, 0], Distance=166.21, RemCap=407.0

Vehicle 6: Route=[0, 42, 76, 24, 49, 63, 77, 0], Distance=154.32, RemCap=394.0

Vehicle 7: Route=[0, 80, 66, 48, 46, 0], Distance=156.91, RemCap=426.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36298.26

--------------------------------------------------

Ep 42/50 | Reward 5924.56 | Loss 1166850378.00 | Dist 1583.17 | Vehl 8

Vehicle 0: Route=[0, 32, 39, 46, 23, 1, 3, 4, 25, 26, 5, 6, 7, 27, 78, 8, 69, 13, 12, 28, 10, 53, 30, 29, 19, 17, 16, 15, 45, 0], Distance=298.65, RemCap=14.0

Vehicle 1: Route=[0, 55, 77, 34, 59, 61, 11, 52, 37, 76, 21, 51, 0], Distance=250.28, RemCap=274.0

Vehicle 2: Route=[0, 80, 58, 33, 9, 14, 40, 43, 24, 70, 0], Distance=228.75, RemCap=313.0

Vehicle 3: Route=[0, 62, 66, 18, 42, 65, 36, 20, 22, 49, 0], Distance=212.45, RemCap=342.0

Vehicle 4: Route=[0, 57, 73, 31, 38, 47, 35, 41, 50, 0], Distance=176.24, RemCap=382.0

Vehicle 5: Route=[0, 72, 44, 75, 48, 60, 54, 0], Distance=207.46, RemCap=402.0

Vehicle 6: Route=[0, 2, 63, 56, 64, 68, 0], Distance=133.95, RemCap=410.0

Vehicle 7: Route=[0, 79, 67, 71, 74, 0], Distance=75.40, RemCap=424.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34926.56

--------------------------------------------------

Ep 43/50 | Reward 6396.09 | Loss 1407466693.73 | Dist 1609.60 | Vehl 8

Vehicle 0: Route=[0, 13, 12, 28, 9, 10, 37, 18, 15, 14, 16, 17, 19, 39, 40, 21, 70, 20, 23, 3, 4, 2, 5, 35, 6, 7, 27, 34, 31, 79, 0], Distance=310.61, RemCap=2.0

Vehicle 1: Route=[0, 36, 32, 22, 1, 63, 47, 8, 77, 62, 73, 11, 30, 42, 65, 0], Distance=233.52, RemCap=289.0

Vehicle 2: Route=[0, 41, 29, 54, 61, 68, 59, 33, 38, 64, 69, 0], Distance=204.14, RemCap=292.0

Vehicle 3: Route=[0, 76, 51, 43, 26, 58, 75, 55, 0], Distance=233.42, RemCap=360.0

Vehicle 4: Route=[0, 53, 71, 49, 25, 67, 0], Distance=103.44, RemCap=405.0

Vehicle 5: Route=[0, 80, 78, 56, 60, 48, 0], Distance=161.61, RemCap=425.0

Vehicle 6: Route=[0, 66, 57, 74, 72, 24, 46, 0], Distance=161.82, RemCap=389.0

Vehicle 7: Route=[0, 44, 52, 45, 50, 0], Distance=201.05, RemCap=399.0

Total vehicle waiting time = 0.00

Total customer waiting time = 33191.85

--------------------------------------------------

Ep 44/50 | Reward 6689.98 | Loss 1552127316.80 | Dist 1557.56 | Vehl 8

Vehicle 0: Route=[0, 2, 72, 26, 25, 4, 3, 23, 24, 21, 40, 32, 39, 16, 14, 15, 17, 19, 29, 30, 9, 10, 11, 13, 31, 6, 7, 27, 78, 34, 75, 0], Distance=324.93, RemCap=1.0

Vehicle 1: Route=[0, 57, 38, 35, 74, 8, 56, 69, 33, 61, 52, 37, 18, 41, 60, 0], Distance=246.73, RemCap=235.0

Vehicle 2: Route=[0, 79, 36, 46, 76, 48, 28, 12, 58, 71, 47, 55, 0], Distance=212.25, RemCap=316.0

Vehicle 3: Route=[0, 44, 20, 51, 53, 68, 59, 0], Distance=233.15, RemCap=353.0

Vehicle 4: Route=[0, 5, 22, 70, 50, 54, 66, 45, 0], Distance=192.74, RemCap=373.0

Vehicle 5: Route=[0, 43, 1, 77, 64, 0], Distance=131.56, RemCap=420.0

Vehicle 6: Route=[0, 80, 63, 49, 65, 0], Distance=74.16, RemCap=411.0

Vehicle 7: Route=[0, 67, 42, 73, 62, 0], Distance=142.04, RemCap=452.0

Total vehicle waiting time = 0.00

Total customer waiting time = 31813.64

--------------------------------------------------

Ep 45/50 | Reward 6158.52 | Loss 1259411458.42 | Dist 1527.59 | Vehl 8

Vehicle 0: Route=[0, 79, 36, 22, 21, 20, 23, 3, 4, 26, 5, 44, 7, 27, 8, 34, 31, 13, 28, 30, 37, 18, 15, 14, 16, 17, 19, 29, 60, 39, 32, 65, 0], Distance=302.62, RemCap=1.0

Vehicle 1: Route=[0, 64, 56, 6, 35, 25, 1, 76, 45, 12, 10, 61, 68, 0], Distance=236.08, RemCap=290.0

Vehicle 2: Route=[0, 2, 72, 24, 41, 53, 11, 33, 62, 69, 77, 0], Distance=192.80, RemCap=325.0

Vehicle 3: Route=[0, 67, 43, 40, 54, 9, 42, 48, 0], Distance=191.70, RemCap=397.0

Vehicle 4: Route=[0, 38, 50, 70, 46, 47, 74, 55, 0], Distance=139.33, RemCap=331.0

Vehicle 5: Route=[0, 51, 59, 71, 0], Distance=158.24, RemCap=445.0

Vehicle 6: Route=[0, 80, 63, 75, 73, 66, 0], Distance=149.06, RemCap=419.0

Vehicle 7: Route=[0, 57, 52, 58, 78, 49, 0], Distance=157.75, RemCap=353.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36609.90

--------------------------------------------------

Ep 46/50 | Reward 5808.53 | Loss 1126036213.67 | Dist 1570.35 | Vehl 8

Vehicle 0: Route=[0, 2, 72, 26, 3, 24, 23, 20, 40, 32, 42, 29, 17, 16, 14, 15, 48, 18, 37, 9, 28, 12, 10, 11, 13, 34, 8, 27, 6, 35, 31, 54, 0], Distance=344.77, RemCap=9.0

Vehicle 1: Route=[0, 71, 77, 44, 4, 36, 21, 51, 19, 30, 68, 61, 57, 0], Distance=246.62, RemCap=261.0

Vehicle 2: Route=[0, 38, 33, 73, 52, 45, 60, 39, 70, 43, 67, 0], Distance=202.77, RemCap=327.0

Vehicle 3: Route=[0, 79, 80, 1, 25, 5, 58, 69, 66, 75, 0], Distance=201.38, RemCap=315.0

Vehicle 4: Route=[0, 63, 56, 59, 76, 65, 0], Distance=164.00, RemCap=414.0

Vehicle 5: Route=[0, 53, 22, 55, 47, 7, 78, 0], Distance=155.03, RemCap=397.0

Vehicle 6: Route=[0, 50, 41, 49, 74, 62, 0], Distance=128.51, RemCap=378.0

Vehicle 7: Route=[0, 46, 64, 0], Distance=127.27, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38081.59

--------------------------------------------------

Ep 47/50 | Reward 6082.13 | Loss 1230484194.48 | Dist 1630.20 | Vehl 8

Vehicle 0: Route=[0, 32, 40, 21, 23, 36, 1, 4, 25, 26, 2, 5, 35, 6, 7, 8, 34, 73, 12, 11, 30, 37, 18, 14, 16, 29, 39, 38, 33, 13, 61, 0], Distance=370.09, RemCap=6.0

Vehicle 1: Route=[0, 78, 31, 28, 17, 19, 54, 65, 43, 41, 70, 22, 3, 49, 0], Distance=280.73, RemCap=275.0

Vehicle 2: Route=[0, 68, 10, 9, 52, 45, 48, 51, 0], Distance=135.44, RemCap=359.0

Vehicle 3: Route=[0, 24, 67, 72, 55, 27, 56, 64, 77, 58, 0], Distance=164.61, RemCap=320.0

Vehicle 4: Route=[0, 79, 76, 15, 59, 74, 71, 62, 0], Distance=199.38, RemCap=389.0

Vehicle 5: Route=[0, 80, 46, 57, 53, 66, 0], Distance=126.62, RemCap=403.0

Vehicle 6: Route=[0, 60, 69, 44, 63, 50, 0], Distance=173.64, RemCap=391.0

Vehicle 7: Route=[0, 20, 42, 75, 47, 0], Distance=179.70, RemCap=418.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38168.54

--------------------------------------------------

Ep 48/50 | Reward 5968.16 | Loss 1166101748.30 | Dist 1617.40 | Vehl 8

Vehicle 0: Route=[0, 38, 31, 34, 27, 7, 5, 26, 25, 3, 1, 36, 46, 20, 40, 39, 17, 16, 14, 15, 18, 29, 37, 30, 9, 28, 10, 11, 33, 53, 57, 0], Distance=317.60, RemCap=0.0

Vehicle 1: Route=[0, 73, 12, 52, 19, 65, 41, 24, 4, 49, 2, 74, 8, 77, 0], Distance=276.32, RemCap=222.0

Vehicle 2: Route=[0, 58, 6, 44, 55, 22, 23, 21, 50, 32, 76, 51, 0], Distance=227.86, RemCap=274.0

Vehicle 3: Route=[0, 80, 35, 13, 42, 54, 0], Distance=121.92, RemCap=435.0

Vehicle 4: Route=[0, 75, 69, 47, 43, 48, 45, 0], Distance=207.50, RemCap=401.0

Vehicle 5: Route=[0, 59, 62, 71, 79, 67, 72, 0], Distance=156.70, RemCap=396.0

Vehicle 6: Route=[0, 61, 64, 56, 63, 0], Distance=127.44, RemCap=410.0

Vehicle 7: Route=[0, 70, 60, 66, 68, 78, 0], Distance=182.06, RemCap=423.0

Total vehicle waiting time = 0.00

Total customer waiting time = 36486.78

--------------------------------------------------

Ep 49/50 | Reward 6189.71 | Loss 1216341544.46 | Dist 1632.75 | Vehl 8

Vehicle 0: Route=[0, 11, 9, 12, 10, 33, 8, 7, 6, 35, 5, 26, 25, 4, 3, 1, 2, 22, 36, 32, 39, 29, 19, 17, 14, 15, 37, 30, 76, 0], Distance=325.93, RemCap=13.0

Vehicle 1: Route=[0, 38, 31, 18, 40, 41, 23, 67, 47, 71, 63, 44, 27, 56, 0], Distance=257.38, RemCap=306.0

Vehicle 2: Route=[0, 70, 24, 78, 58, 69, 34, 59, 28, 68, 13, 57, 0], Distance=196.41, RemCap=295.0

Vehicle 3: Route=[0, 55, 77, 65, 66, 60, 16, 50, 0], Distance=186.29, RemCap=363.0

Vehicle 4: Route=[0, 54, 62, 74, 72, 20, 21, 79, 0], Distance=159.36, RemCap=358.0

Vehicle 5: Route=[0, 80, 64, 52, 48, 42, 0], Distance=162.58, RemCap=430.0

Vehicle 6: Route=[0, 51, 45, 53, 73, 61, 0], Distance=168.42, RemCap=406.0

Vehicle 7: Route=[0, 75, 43, 46, 49, 0], Distance=176.39, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34517.06

--------------------------------------------------

Ep 50/50 | Reward 5808.90 | Loss 1084396632.71 | Dist 1730.96 | Vehl 8

Vehicle 0: Route=[0, 54, 38, 31, 13, 10, 28, 9, 11, 30, 37, 18, 15, 19, 29, 32, 40, 43, 21, 22, 23, 3, 26, 72, 5, 2, 35, 71, 7, 27, 8, 58, 0], Distance=324.94, RemCap=1.0

Vehicle 1: Route=[0, 80, 47, 6, 4, 1, 70, 14, 48, 68, 76, 0], Distance=261.11, RemCap=332.0

Vehicle 2: Route=[0, 55, 33, 75, 59, 12, 61, 53, 17, 24, 67, 44, 0], Distance=250.72, RemCap=250.0

Vehicle 3: Route=[0, 69, 49, 25, 36, 39, 16, 45, 52, 60, 0], Distance=217.64, RemCap=347.0

Vehicle 4: Route=[0, 57, 34, 63, 46, 50, 0], Distance=158.11, RemCap=385.0

Vehicle 5: Route=[0, 41, 74, 56, 73, 66, 0], Distance=185.65, RemCap=418.0

Vehicle 6: Route=[0, 62, 64, 77, 20, 42, 0], Distance=165.67, RemCap=402.0

Vehicle 7: Route=[0, 78, 79, 51, 65, 0], Distance=167.12, RemCap=426.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37149.03

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Saved results to F:/KLTN/code/output80\h80d40\_results.docx

=== Processing h80d60.csv ===

--- Training with max\_vehicles = 5 ---

Ep 1/50 | Reward 5121.80 | Loss 897760993.21 | Dist 1384.70 | Vehl 5

Vehicle 0: Route=[0, 9, 10, 8, 7, 17, 21, 63, 6, 44, 15, 75, 47, 20, 16, 19, 13, 33, 5, 18, 56, 14, 71, 12, 4, 3, 27, 1, 11, 2, 69, 0], Distance=368.44, RemCap=4.0

Vehicle 1: Route=[0, 34, 41, 73, 42, 58, 29, 40, 28, 53, 60, 54, 57, 68, 52, 0], Distance=240.95, RemCap=225.0

Vehicle 2: Route=[0, 78, 64, 48, 37, 35, 36, 51, 24, 39, 72, 80, 55, 0], Distance=253.53, RemCap=248.0

Vehicle 3: Route=[0, 65, 22, 30, 66, 43, 45, 79, 23, 74, 76, 67, 38, 50, 0], Distance=263.31, RemCap=245.0

Vehicle 4: Route=[0, 59, 77, 32, 62, 70, 61, 49, 46, 25, 26, 31, 0], Distance=258.47, RemCap=315.0

Total vehicle waiting time = 31.10

Total customer waiting time = 47673.75

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Ep 2/50 | Reward 4913.77 | Loss 906917733.16 | Dist 1319.92 | Vehl 5

Vehicle 0: Route=[0, 59, 9, 10, 7, 66, 8, 24, 17, 21, 6, 79, 15, 28, 5, 18, 14, 80, 71, 55, 12, 4, 3, 69, 2, 11, 1, 19, 16, 13, 20, 46, 52, 0], Distance=360.78, RemCap=18.0

Vehicle 1: Route=[0, 58, 32, 62, 65, 41, 70, 34, 33, 54, 74, 63, 35, 36, 40, 0], Distance=258.36, RemCap=270.0

Vehicle 2: Route=[0, 68, 78, 48, 37, 23, 29, 43, 77, 30, 73, 39, 72, 27, 0], Distance=243.75, RemCap=207.0

Vehicle 3: Route=[0, 22, 42, 45, 44, 25, 75, 47, 76, 60, 57, 50, 67, 0], Distance=266.80, RemCap=266.0

Vehicle 4: Route=[0, 38, 56, 61, 49, 53, 64, 51, 31, 26, 0], Distance=190.24, RemCap=276.0

Total vehicle waiting time = 9.94

Total customer waiting time = 47228.17

--------------------------------------------------

Ep 3/50 | Reward 4995.02 | Loss 847487676.40 | Dist 1371.94 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 67, 13, 20, 5, 18, 14, 38, 12, 4, 3, 70, 72, 41, 2, 22, 11, 1, 42, 9, 10, 8, 7, 17, 6, 36, 79, 26, 37, 15, 29, 0], Distance=390.73, RemCap=14.0

Vehicle 1: Route=[0, 32, 77, 21, 63, 51, 35, 23, 25, 53, 78, 74, 57, 34, 50, 52, 46, 0], Distance=269.18, RemCap=213.0

Vehicle 2: Route=[0, 73, 69, 62, 66, 58, 59, 31, 48, 60, 56, 33, 54, 61, 0], Distance=279.38, RemCap=224.0

Vehicle 3: Route=[0, 68, 47, 40, 44, 64, 49, 76, 80, 71, 65, 39, 43, 0], Distance=247.14, RemCap=229.0

Vehicle 4: Route=[0, 55, 27, 30, 24, 45, 28, 75, 0], Distance=185.52, RemCap=357.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45445.65

--------------------------------------------------

Ep 4/50 | Reward 5064.04 | Loss 934624863.88 | Dist 1308.68 | Vehl 5

Vehicle 0: Route=[0, 17, 7, 8, 9, 10, 32, 2, 11, 69, 1, 72, 70, 12, 4, 3, 71, 14, 18, 13, 19, 16, 20, 61, 49, 5, 15, 40, 6, 79, 0], Distance=348.95, RemCap=7.0

Vehicle 1: Route=[0, 21, 24, 66, 62, 65, 41, 27, 67, 76, 74, 53, 75, 23, 31, 36, 35, 0], Distance=262.67, RemCap=251.0

Vehicle 2: Route=[0, 68, 59, 43, 26, 25, 45, 47, 46, 33, 56, 80, 57, 50, 34, 0], Distance=238.71, RemCap=206.0

Vehicle 3: Route=[0, 42, 30, 77, 58, 63, 51, 28, 64, 78, 52, 55, 0], Distance=207.11, RemCap=319.0

Vehicle 4: Route=[0, 39, 22, 73, 29, 44, 37, 48, 60, 54, 38, 0], Distance=251.24, RemCap=254.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42872.66

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Ep 5/50 | Reward 4865.12 | Loss 816599344.42 | Dist 1379.10 | Vehl 5

Vehicle 0: Route=[0, 59, 17, 66, 77, 7, 30, 8, 9, 2, 11, 1, 72, 19, 16, 20, 13, 67, 3, 4, 12, 57, 80, 14, 18, 5, 28, 15, 23, 26, 6, 40, 0], Distance=339.82, RemCap=5.0

Vehicle 1: Route=[0, 52, 46, 51, 44, 79, 64, 74, 54, 34, 10, 62, 70, 55, 71, 56, 49, 53, 0], Distance=347.91, RemCap=166.0

Vehicle 2: Route=[0, 50, 33, 61, 48, 75, 63, 29, 21, 24, 42, 73, 69, 41, 0], Distance=204.28, RemCap=225.0

Vehicle 3: Route=[0, 43, 22, 39, 27, 60, 35, 45, 47, 0], Distance=246.04, RemCap=298.0

Vehicle 4: Route=[0, 68, 25, 36, 31, 37, 78, 76, 38, 65, 32, 58, 0], Distance=241.05, RemCap=343.0

Total vehicle waiting time = 0.00

Total customer waiting time = 50529.63

--------------------------------------------------

Ep 6/50 | Reward 4881.21 | Loss 828256221.20 | Dist 1352.62 | Vehl 5

Vehicle 0: Route=[0, 47, 46, 20, 76, 5, 18, 14, 55, 12, 4, 3, 13, 16, 19, 1, 11, 2, 62, 9, 10, 30, 7, 8, 17, 45, 40, 6, 31, 48, 15, 25, 0], Distance=370.32, RemCap=6.0

Vehicle 1: Route=[0, 59, 73, 32, 21, 29, 63, 51, 75, 60, 52, 67, 57, 27, 50, 0], Distance=249.89, RemCap=192.0

Vehicle 2: Route=[0, 68, 24, 77, 44, 36, 23, 28, 74, 33, 80, 71, 70, 72, 39, 22, 0], Distance=263.79, RemCap=255.0

Vehicle 3: Route=[0, 58, 42, 34, 56, 54, 61, 49, 53, 64, 37, 26, 79, 0], Distance=235.49, RemCap=214.0

Vehicle 4: Route=[0, 43, 66, 35, 78, 38, 41, 69, 65, 0], Distance=233.13, RemCap=370.0

Total vehicle waiting time = 125.96

Total customer waiting time = 48038.26

--------------------------------------------------

Ep 7/50 | Reward 5190.41 | Loss 1022089871.06 | Dist 1337.61 | Vehl 5

Vehicle 0: Route=[0, 19, 1, 62, 2, 11, 3, 4, 12, 14, 56, 18, 5, 76, 13, 67, 16, 20, 52, 47, 46, 64, 15, 31, 26, 6, 7, 30, 8, 10, 9, 17, 29, 25, 0], Distance=395.26, RemCap=1.0

Vehicle 1: Route=[0, 50, 68, 58, 42, 43, 77, 32, 22, 69, 27, 70, 38, 80, 53, 33, 0], Distance=247.79, RemCap=212.0

Vehicle 2: Route=[0, 61, 74, 78, 60, 37, 75, 51, 45, 73, 39, 65, 72, 57, 0], Distance=219.57, RemCap=174.0

Vehicle 3: Route=[0, 71, 54, 49, 28, 59, 63, 44, 79, 35, 23, 0], Distance=224.69, RemCap=336.0

Vehicle 4: Route=[0, 21, 24, 66, 41, 34, 55, 48, 40, 36, 0], Distance=250.30, RemCap=314.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41885.98

--------------------------------------------------

Ep 8/50 | Reward 5232.54 | Loss 980508212.14 | Dist 1350.68 | Vehl 5

Vehicle 0: Route=[0, 29, 6, 36, 79, 35, 23, 51, 15, 53, 5, 78, 20, 16, 19, 67, 13, 18, 14, 71, 12, 4, 3, 65, 1, 11, 2, 10, 9, 8, 7, 17, 24, 0], Distance=363.13, RemCap=10.0

Vehicle 1: Route=[0, 73, 42, 59, 58, 21, 31, 28, 48, 64, 74, 61, 52, 33, 80, 38, 50, 0], Distance=223.04, RemCap=193.0

Vehicle 2: Route=[0, 46, 47, 63, 75, 37, 26, 32, 22, 62, 27, 55, 54, 60, 0], Distance=307.27, RemCap=249.0

Vehicle 3: Route=[0, 25, 49, 56, 57, 72, 39, 77, 43, 0], Distance=214.72, RemCap=275.0

Vehicle 4: Route=[0, 34, 70, 41, 69, 30, 66, 44, 40, 76, 68, 45, 0], Distance=242.53, RemCap=310.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45814.72

--------------------------------------------------

Ep 9/50 | Reward 4833.52 | Loss 792032449.99 | Dist 1392.81 | Vehl 5

Vehicle 0: Route=[0, 42, 58, 17, 77, 7, 8, 9, 10, 62, 2, 11, 39, 1, 72, 19, 16, 67, 13, 3, 4, 12, 71, 14, 18, 60, 5, 74, 20, 28, 79, 6, 25, 0], Distance=360.94, RemCap=3.0

Vehicle 1: Route=[0, 68, 43, 35, 15, 64, 48, 53, 61, 76, 54, 80, 70, 73, 0], Distance=241.86, RemCap=250.0

Vehicle 2: Route=[0, 52, 47, 78, 37, 23, 44, 40, 51, 45, 59, 69, 41, 38, 33, 0], Distance=258.17, RemCap=229.0

Vehicle 3: Route=[0, 22, 34, 57, 55, 56, 63, 26, 29, 24, 32, 66, 0], Distance=276.53, RemCap=283.0

Vehicle 4: Route=[0, 50, 27, 65, 21, 75, 46, 49, 31, 36, 30, 0], Distance=255.32, RemCap=272.0

Total vehicle waiting time = 0.00

Total customer waiting time = 49657.77

--------------------------------------------------

Ep 10/50 | Reward 5128.91 | Loss 988799533.48 | Dist 1386.87 | Vehl 5

Vehicle 0: Route=[0, 16, 52, 47, 63, 6, 15, 28, 20, 5, 18, 14, 13, 19, 80, 57, 3, 4, 12, 27, 41, 2, 11, 1, 73, 9, 10, 8, 7, 17, 29, 58, 0], Distance=363.90, RemCap=0.0

Vehicle 1: Route=[0, 68, 66, 30, 32, 65, 38, 55, 46, 49, 60, 53, 64, 75, 35, 23, 0], Distance=275.34, RemCap=203.0

Vehicle 2: Route=[0, 56, 72, 69, 62, 34, 21, 40, 44, 79, 31, 37, 78, 76, 0], Distance=277.57, RemCap=248.0

Vehicle 3: Route=[0, 50, 67, 61, 74, 25, 36, 42, 39, 22, 77, 43, 24, 0], Distance=237.85, RemCap=256.0

Vehicle 4: Route=[0, 54, 33, 71, 70, 59, 45, 51, 48, 26, 0], Distance=232.21, RemCap=330.0

Total vehicle waiting time = 38.74

Total customer waiting time = 46184.40

--------------------------------------------------

Ep 11/50 | Reward 5237.28 | Loss 990419998.91 | Dist 1413.25 | Vehl 5

Vehicle 0: Route=[0, 17, 24, 8, 43, 7, 32, 10, 9, 2, 11, 69, 1, 34, 72, 3, 4, 12, 57, 19, 16, 13, 14, 18, 5, 49, 20, 15, 6, 31, 0], Distance=352.16, RemCap=3.0

Vehicle 1: Route=[0, 67, 33, 56, 71, 38, 62, 50, 59, 58, 77, 29, 35, 23, 75, 76, 61, 0], Distance=309.01, RemCap=207.0

Vehicle 2: Route=[0, 70, 42, 30, 45, 63, 51, 40, 64, 74, 60, 54, 46, 47, 0], Distance=248.54, RemCap=246.0

Vehicle 3: Route=[0, 52, 28, 37, 44, 36, 68, 21, 66, 39, 41, 80, 0], Distance=262.14, RemCap=298.0

Vehicle 4: Route=[0, 25, 26, 79, 48, 53, 78, 55, 27, 65, 73, 22, 0], Distance=241.41, RemCap=283.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44189.16

--------------------------------------------------

Ep 12/50 | Reward 4922.88 | Loss 866336103.61 | Dist 1306.98 | Vehl 5

Vehicle 0: Route=[0, 47, 46, 20, 16, 19, 13, 54, 18, 14, 12, 4, 3, 50, 1, 65, 11, 2, 9, 10, 30, 7, 66, 8, 17, 6, 15, 74, 78, 5, 49, 0], Distance=359.90, RemCap=3.0

Vehicle 1: Route=[0, 72, 70, 55, 71, 80, 56, 52, 75, 40, 79, 44, 36, 43, 24, 21, 63, 0], Distance=265.83, RemCap=184.0

Vehicle 2: Route=[0, 29, 51, 31, 26, 23, 60, 76, 33, 38, 57, 73, 62, 27, 0], Distance=260.72, RemCap=235.0

Vehicle 3: Route=[0, 64, 53, 48, 28, 35, 25, 68, 59, 42, 22, 41, 0], Distance=207.64, RemCap=343.0

Vehicle 4: Route=[0, 45, 37, 61, 67, 34, 69, 39, 32, 77, 58, 0], Distance=212.90, RemCap=272.0

Total vehicle waiting time = 0.00

Total customer waiting time = 50923.10

--------------------------------------------------

Ep 13/50 | Reward 5232.66 | Loss 998731558.14 | Dist 1261.06 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 67, 13, 14, 56, 18, 5, 15, 31, 26, 44, 6, 63, 45, 68, 17, 7, 8, 9, 10, 22, 2, 11, 39, 1, 70, 12, 4, 3, 80, 0], Distance=345.19, RemCap=3.0

Vehicle 1: Route=[0, 57, 65, 77, 36, 79, 28, 53, 49, 78, 76, 33, 54, 20, 46, 25, 0], Distance=290.58, RemCap=213.0

Vehicle 2: Route=[0, 21, 58, 30, 73, 62, 41, 27, 38, 55, 71, 61, 23, 40, 35, 0], Distance=259.69, RemCap=205.0

Vehicle 3: Route=[0, 34, 32, 43, 66, 29, 52, 74, 60, 37, 48, 64, 0], Distance=202.39, RemCap=276.0

Vehicle 4: Route=[0, 50, 72, 69, 24, 42, 59, 47, 75, 51, 0], Distance=163.20, RemCap=340.0

Total vehicle waiting time = 124.61

Total customer waiting time = 44736.87

--------------------------------------------------

Ep 14/50 | Reward 5122.79 | Loss 947925042.86 | Dist 1389.68 | Vehl 5

Vehicle 0: Route=[0, 19, 3, 4, 12, 80, 14, 18, 13, 16, 20, 74, 5, 37, 15, 23, 31, 6, 40, 25, 45, 17, 66, 7, 30, 8, 10, 9, 42, 1, 69, 11, 2, 62, 0], Distance=357.96, RemCap=9.0

Vehicle 1: Route=[0, 59, 43, 77, 22, 57, 55, 56, 54, 61, 53, 75, 44, 35, 48, 0], Distance=304.41, RemCap=163.0

Vehicle 2: Route=[0, 68, 34, 71, 46, 64, 36, 51, 63, 29, 58, 32, 39, 0], Distance=253.95, RemCap=283.0

Vehicle 3: Route=[0, 21, 26, 60, 49, 78, 47, 50, 65, 41, 70, 27, 0], Distance=228.39, RemCap=263.0

Vehicle 4: Route=[0, 52, 76, 28, 79, 24, 73, 72, 38, 67, 33, 0], Distance=244.97, RemCap=319.0

Total vehicle waiting time = 9.94

Total customer waiting time = 47235.61

--------------------------------------------------

Ep 15/50 | Reward 5140.14 | Loss 977634748.50 | Dist 1367.47 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 67, 20, 6, 15, 37, 5, 61, 13, 14, 18, 12, 4, 3, 41, 69, 2, 62, 11, 39, 1, 58, 17, 8, 9, 10, 7, 30, 0], Distance=375.12, RemCap=3.0

Vehicle 1: Route=[0, 63, 28, 53, 49, 54, 33, 38, 65, 73, 42, 59, 24, 66, 77, 0], Distance=236.42, RemCap=246.0

Vehicle 2: Route=[0, 52, 68, 43, 34, 57, 55, 56, 76, 74, 48, 25, 51, 26, 36, 0], Distance=268.46, RemCap=223.0

Vehicle 3: Route=[0, 47, 46, 78, 64, 23, 31, 79, 29, 22, 72, 70, 80, 71, 0], Distance=250.60, RemCap=299.0

Vehicle 4: Route=[0, 60, 75, 35, 44, 40, 45, 21, 32, 27, 50, 0], Distance=236.86, RemCap=266.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45292.19

--------------------------------------------------

Ep 16/50 | Reward 5058.49 | Loss 869932874.22 | Dist 1293.00 | Vehl 5

Vehicle 0: Route=[0, 58, 9, 10, 8, 7, 77, 66, 17, 63, 25, 51, 6, 26, 35, 15, 20, 16, 19, 13, 5, 18, 14, 3, 4, 12, 27, 65, 1, 39, 11, 2, 62, 0], Distance=357.34, RemCap=1.0

Vehicle 1: Route=[0, 47, 46, 38, 70, 22, 73, 42, 43, 44, 79, 31, 23, 37, 48, 74, 0], Distance=284.90, RemCap=221.0

Vehicle 2: Route=[0, 68, 59, 32, 69, 41, 72, 34, 57, 55, 33, 52, 49, 28, 64, 0], Distance=238.68, RemCap=226.0

Vehicle 3: Route=[0, 50, 80, 67, 76, 60, 78, 75, 40, 36, 45, 24, 29, 0], Distance=215.92, RemCap=273.0

Vehicle 4: Route=[0, 21, 30, 71, 56, 54, 53, 61, 0], Distance=196.16, RemCap=316.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46457.44

--------------------------------------------------

Ep 17/50 | Reward 5221.96 | Loss 901774991.53 | Dist 1311.15 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 13, 20, 61, 60, 18, 14, 33, 3, 4, 12, 70, 27, 41, 1, 39, 11, 2, 22, 10, 9, 8, 7, 17, 6, 15, 25, 0], Distance=329.44, RemCap=3.0

Vehicle 1: Route=[0, 50, 45, 21, 24, 43, 30, 32, 62, 69, 65, 38, 5, 53, 64, 23, 44, 79, 0], Distance=289.54, RemCap=155.0

Vehicle 2: Route=[0, 42, 77, 66, 58, 59, 68, 67, 55, 54, 63, 28, 74, 49, 0], Distance=246.54, RemCap=303.0

Vehicle 3: Route=[0, 34, 72, 57, 80, 56, 76, 48, 75, 51, 36, 35, 37, 0], Distance=224.98, RemCap=235.0

Vehicle 4: Route=[0, 73, 29, 40, 26, 31, 47, 46, 52, 71, 78, 0], Distance=220.65, RemCap=341.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46522.81

--------------------------------------------------

Ep 18/50 | Reward 5359.54 | Loss 1029474663.11 | Dist 1353.28 | Vehl 5

Vehicle 0: Route=[0, 59, 24, 9, 10, 8, 7, 66, 17, 6, 44, 26, 37, 15, 28, 75, 78, 5, 18, 56, 14, 13, 20, 16, 19, 71, 12, 4, 3, 27, 2, 11, 1, 42, 0], Distance=378.68, RemCap=0.0

Vehicle 1: Route=[0, 72, 65, 22, 58, 21, 45, 68, 47, 46, 35, 48, 64, 61, 54, 0], Distance=231.58, RemCap=206.0

Vehicle 2: Route=[0, 50, 73, 77, 40, 53, 74, 33, 67, 57, 55, 70, 41, 0], Distance=259.52, RemCap=242.0

Vehicle 3: Route=[0, 52, 25, 31, 79, 36, 30, 32, 39, 69, 34, 38, 76, 0], Distance=257.30, RemCap=282.0

Vehicle 4: Route=[0, 62, 43, 29, 63, 51, 23, 49, 60, 80, 0], Distance=226.20, RemCap=307.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44693.84

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Ep 19/50 | Reward 5118.73 | Loss 880303533.98 | Dist 1418.62 | Vehl 5

Vehicle 0: Route=[0, 19, 16, 20, 13, 67, 57, 3, 4, 12, 71, 14, 18, 5, 15, 23, 35, 6, 45, 17, 7, 43, 8, 10, 24, 73, 34, 70, 1, 11, 2, 69, 0], Distance=374.06, RemCap=4.0

Vehicle 1: Route=[0, 48, 79, 44, 40, 51, 25, 59, 9, 22, 39, 65, 72, 38, 80, 54, 0], Distance=259.80, RemCap=176.0

Vehicle 2: Route=[0, 50, 68, 21, 66, 27, 56, 60, 53, 46, 28, 31, 0], Distance=283.20, RemCap=280.0

Vehicle 3: Route=[0, 62, 30, 26, 37, 64, 49, 74, 52, 47, 63, 29, 0], Distance=251.99, RemCap=298.0

Vehicle 4: Route=[0, 42, 32, 77, 58, 36, 75, 78, 61, 76, 33, 55, 41, 0], Distance=249.58, RemCap=279.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45157.80

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Ep 20/50 | Reward 5042.13 | Loss 844059714.67 | Dist 1370.90 | Vehl 5

Vehicle 0: Route=[0, 19, 13, 18, 14, 71, 55, 12, 4, 3, 34, 1, 69, 11, 2, 62, 73, 10, 8, 30, 7, 17, 6, 31, 15, 75, 5, 74, 46, 20, 16, 21, 0], Distance=360.66, RemCap=16.0

Vehicle 1: Route=[0, 36, 79, 53, 60, 49, 78, 33, 70, 27, 41, 65, 9, 77, 42, 0], Distance=262.16, RemCap=218.0

Vehicle 2: Route=[0, 72, 52, 61, 37, 48, 59, 43, 29, 63, 51, 35, 26, 40, 0], Distance=267.38, RemCap=228.0

Vehicle 3: Route=[0, 68, 47, 25, 44, 58, 24, 22, 57, 80, 67, 54, 0], Distance=224.27, RemCap=291.0

Vehicle 4: Route=[0, 50, 45, 23, 28, 64, 76, 56, 38, 39, 32, 66, 0], Distance=256.44, RemCap=284.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45272.63

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Ep 21/50 | Reward 5014.23 | Loss 949927187.67 | Dist 1343.30 | Vehl 5

Vehicle 0: Route=[0, 68, 21, 29, 17, 7, 8, 9, 10, 32, 62, 2, 11, 39, 1, 19, 3, 4, 12, 14, 18, 33, 13, 67, 16, 20, 5, 48, 15, 6, 23, 0], Distance=352.87, RemCap=2.0

Vehicle 1: Route=[0, 25, 26, 44, 79, 37, 74, 46, 52, 80, 34, 72, 69, 73, 24, 0], Distance=264.60, RemCap=260.0

Vehicle 2: Route=[0, 59, 30, 77, 66, 58, 45, 51, 28, 60, 76, 38, 57, 50, 65, 27, 0], Distance=268.33, RemCap=182.0

Vehicle 3: Route=[0, 42, 22, 70, 55, 71, 56, 54, 47, 36, 64, 75, 0], Distance=237.11, RemCap=312.0

Vehicle 4: Route=[0, 63, 40, 35, 31, 53, 49, 78, 61, 41, 43, 0], Distance=220.39, RemCap=281.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46536.34

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Ep 22/50 | Reward 5166.42 | Loss 914635895.98 | Dist 1353.06 | Vehl 5

Vehicle 0: Route=[0, 20, 13, 14, 18, 12, 4, 3, 57, 67, 19, 1, 69, 11, 2, 22, 10, 9, 8, 43, 7, 17, 36, 26, 6, 63, 47, 15, 5, 61, 78, 0], Distance=377.08, RemCap=12.0

Vehicle 1: Route=[0, 58, 30, 32, 72, 34, 50, 16, 33, 60, 74, 75, 51, 40, 44, 35, 23, 37, 0], Distance=281.50, RemCap=144.0

Vehicle 2: Route=[0, 59, 66, 77, 45, 79, 48, 64, 49, 56, 71, 38, 70, 39, 65, 0], Distance=282.24, RemCap=187.0

Vehicle 3: Route=[0, 55, 27, 41, 62, 42, 24, 21, 28, 31, 29, 0], Distance=229.24, RemCap=339.0

Vehicle 4: Route=[0, 73, 68, 25, 53, 76, 46, 52, 80, 54, 0], Distance=182.99, RemCap=355.0

Total vehicle waiting time = 9.94

Total customer waiting time = 47182.10

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Ep 23/50 | Reward 5273.16 | Loss 1013207270.06 | Dist 1335.36 | Vehl 5

Vehicle 0: Route=[0, 42, 9, 10, 8, 7, 17, 6, 26, 51, 75, 15, 37, 48, 5, 78, 61, 20, 16, 19, 13, 33, 18, 14, 12, 4, 3, 1, 11, 2, 70, 0], Distance=383.80, RemCap=3.0

Vehicle 1: Route=[0, 69, 24, 66, 44, 79, 36, 40, 25, 74, 60, 54, 80, 38, 71, 0], Distance=268.10, RemCap=254.0

Vehicle 2: Route=[0, 50, 57, 27, 73, 43, 77, 58, 68, 45, 35, 31, 0], Distance=224.54, RemCap=258.0

Vehicle 3: Route=[0, 41, 65, 32, 59, 29, 63, 23, 28, 64, 52, 76, 53, 49, 0], Distance=243.86, RemCap=290.0

Vehicle 4: Route=[0, 34, 72, 39, 62, 22, 30, 21, 47, 46, 67, 56, 55, 0], Distance=215.05, RemCap=232.0

Total vehicle waiting time = 27.64

Total customer waiting time = 42683.19

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Ep 24/50 | Reward 5604.41 | Loss 1086800740.51 | Dist 1378.07 | Vehl 5

Vehicle 0: Route=[0, 29, 17, 24, 66, 7, 8, 9, 10, 2, 11, 1, 34, 72, 70, 12, 4, 3, 19, 16, 20, 47, 28, 6, 23, 15, 48, 74, 5, 18, 14, 13, 54, 0], Distance=372.71, RemCap=29.0

Vehicle 1: Route=[0, 68, 42, 22, 50, 56, 76, 61, 37, 45, 51, 40, 35, 36, 44, 79, 0], Distance=293.86, RemCap=168.0

Vehicle 2: Route=[0, 25, 26, 75, 57, 55, 38, 27, 65, 62, 59, 32, 77, 43, 0], Distance=271.05, RemCap=249.0

Vehicle 3: Route=[0, 52, 46, 31, 49, 60, 67, 80, 71, 69, 73, 30, 0], Distance=257.62, RemCap=279.0

Vehicle 4: Route=[0, 21, 58, 39, 41, 33, 78, 53, 64, 63, 0], Distance=182.83, RemCap=312.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40524.90

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Ep 25/50 | Reward 5083.43 | Loss 835364989.29 | Dist 1356.97 | Vehl 5

Vehicle 0: Route=[0, 9, 10, 8, 7, 17, 21, 63, 6, 26, 35, 15, 74, 76, 5, 18, 14, 12, 4, 3, 13, 20, 47, 52, 16, 19, 50, 34, 1, 2, 41, 27, 70, 0], Distance=389.97, RemCap=8.0

Vehicle 1: Route=[0, 51, 78, 61, 71, 55, 72, 42, 24, 77, 32, 22, 11, 39, 0], Distance=244.08, RemCap=234.0

Vehicle 2: Route=[0, 67, 33, 54, 58, 30, 43, 40, 36, 44, 31, 23, 28, 60, 0], Distance=240.70, RemCap=246.0

Vehicle 3: Route=[0, 68, 66, 29, 25, 48, 37, 53, 49, 56, 38, 62, 65, 0], Distance=259.29, RemCap=259.0

Vehicle 4: Route=[0, 80, 57, 69, 73, 59, 45, 79, 64, 46, 75, 0], Distance=222.91, RemCap=290.0

Total vehicle waiting time = 0.00

Total customer waiting time = 49846.69

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Ep 26/50 | Reward 4988.08 | Loss 889200266.05 | Dist 1337.89 | Vehl 5

Vehicle 0: Route=[0, 45, 40, 6, 44, 79, 15, 46, 20, 13, 53, 5, 18, 56, 14, 12, 4, 3, 19, 1, 11, 2, 22, 10, 9, 17, 8, 7, 30, 0], Distance=368.91, RemCap=0.0

Vehicle 1: Route=[0, 24, 21, 68, 16, 67, 72, 55, 80, 33, 61, 74, 64, 37, 31, 36, 26, 23, 0], Distance=268.72, RemCap=191.0

Vehicle 2: Route=[0, 34, 76, 28, 25, 51, 29, 66, 32, 42, 73, 41, 69, 0], Distance=220.17, RemCap=330.0

Vehicle 3: Route=[0, 52, 60, 48, 75, 47, 58, 59, 62, 39, 27, 70, 38, 57, 0], Distance=215.95, RemCap=215.0

Vehicle 4: Route=[0, 78, 49, 54, 71, 50, 65, 43, 77, 63, 35, 0], Distance=264.14, RemCap=301.0

Total vehicle waiting time = 73.19

Total customer waiting time = 44786.56

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Ep 27/50 | Reward 5328.69 | Loss 940591621.24 | Dist 1393.29 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 13, 18, 14, 3, 4, 12, 70, 34, 1, 11, 2, 62, 73, 9, 10, 32, 7, 8, 17, 29, 45, 75, 46, 20, 74, 5, 37, 15, 6, 26, 0], Distance=398.07, RemCap=15.0

Vehicle 1: Route=[0, 52, 47, 64, 49, 48, 79, 31, 63, 21, 43, 77, 22, 71, 33, 50, 0], Distance=290.91, RemCap=165.0

Vehicle 2: Route=[0, 67, 80, 38, 72, 39, 30, 40, 44, 35, 23, 61, 78, 53, 0], Distance=263.43, RemCap=218.0

Vehicle 3: Route=[0, 68, 25, 58, 59, 42, 69, 27, 56, 0], Distance=180.52, RemCap=374.0

Vehicle 4: Route=[0, 28, 51, 36, 66, 24, 65, 41, 55, 57, 54, 76, 60, 0], Distance=260.35, RemCap=265.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46114.42

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Ep 28/50 | Reward 5025.53 | Loss 833798217.89 | Dist 1414.81 | Vehl 5

Vehicle 0: Route=[0, 58, 17, 7, 8, 9, 10, 22, 2, 1, 65, 72, 3, 4, 12, 55, 14, 18, 54, 13, 19, 16, 20, 46, 63, 40, 6, 15, 53, 5, 78, 76, 0], Distance=351.22, RemCap=7.0

Vehicle 1: Route=[0, 33, 56, 61, 74, 68, 42, 73, 11, 62, 30, 21, 29, 25, 36, 31, 23, 0], Distance=300.19, RemCap=219.0

Vehicle 2: Route=[0, 45, 44, 75, 48, 60, 67, 71, 38, 50, 41, 69, 39, 43, 0], Distance=287.31, RemCap=206.0

Vehicle 3: Route=[0, 34, 70, 27, 24, 77, 79, 35, 28, 37, 49, 80, 0], Distance=273.01, RemCap=279.0

Vehicle 4: Route=[0, 59, 32, 66, 26, 51, 64, 47, 52, 57, 0], Distance=203.09, RemCap=326.0

Total vehicle waiting time = 0.00

Total customer waiting time = 48670.25

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Ep 29/50 | Reward 4605.50 | Loss 663087513.56 | Dist 1404.13 | Vehl 5

Vehicle 0: Route=[0, 68, 58, 17, 24, 8, 7, 10, 9, 2, 1, 3, 4, 12, 57, 71, 14, 18, 5, 53, 28, 15, 26, 36, 6, 63, 64, 74, 76, 54, 13, 16, 19, 67, 0], Distance=367.59, RemCap=6.0

Vehicle 1: Route=[0, 20, 46, 61, 49, 31, 35, 40, 29, 77, 30, 41, 80, 56, 38, 0], Distance=281.62, RemCap=180.0

Vehicle 2: Route=[0, 21, 44, 25, 78, 52, 27, 65, 39, 11, 22, 73, 32, 43, 0], Distance=259.59, RemCap=232.0

Vehicle 3: Route=[0, 33, 60, 37, 23, 75, 45, 59, 42, 62, 70, 72, 50, 0], Distance=236.97, RemCap=288.0

Vehicle 4: Route=[0, 34, 55, 69, 66, 79, 51, 47, 48, 0], Distance=258.36, RemCap=331.0

Total vehicle waiting time = 0.00

Total customer waiting time = 49293.76

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Ep 30/50 | Reward 5082.65 | Loss 806947058.60 | Dist 1369.64 | Vehl 5

Vehicle 0: Route=[0, 19, 3, 4, 12, 55, 80, 14, 18, 13, 20, 76, 5, 49, 15, 31, 6, 29, 21, 17, 77, 7, 8, 10, 9, 42, 73, 62, 2, 11, 27, 0], Distance=349.00, RemCap=23.0

Vehicle 1: Route=[0, 45, 37, 23, 35, 79, 43, 30, 32, 59, 1, 34, 16, 67, 33, 56, 70, 0], Distance=325.68, RemCap=164.0

Vehicle 2: Route=[0, 68, 46, 54, 57, 72, 65, 24, 63, 51, 64, 74, 78, 60, 0], Distance=233.78, RemCap=242.0

Vehicle 3: Route=[0, 50, 71, 38, 41, 69, 22, 66, 58, 47, 75, 48, 25, 26, 0], Distance=269.03, RemCap=286.0

Vehicle 4: Route=[0, 39, 44, 36, 40, 28, 53, 61, 52, 0], Distance=192.15, RemCap=322.0

Total vehicle waiting time = 10.61

Total customer waiting time = 47199.73

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Ep 31/50 | Reward 4963.19 | Loss 808653052.28 | Dist 1337.26 | Vehl 5

Vehicle 0: Route=[0, 19, 16, 46, 5, 18, 56, 14, 13, 57, 3, 4, 12, 70, 65, 1, 39, 11, 2, 62, 10, 9, 8, 7, 66, 17, 29, 75, 15, 6, 36, 0], Distance=348.17, RemCap=4.0

Vehicle 1: Route=[0, 77, 30, 41, 27, 34, 80, 33, 60, 49, 37, 26, 40, 25, 20, 47, 63, 0], Distance=313.30, RemCap=153.0

Vehicle 2: Route=[0, 50, 55, 38, 72, 32, 59, 21, 79, 35, 28, 48, 74, 61, 0], Distance=246.59, RemCap=237.0

Vehicle 3: Route=[0, 42, 43, 22, 69, 71, 78, 52, 68, 44, 31, 23, 0], Distance=272.74, RemCap=342.0

Vehicle 4: Route=[0, 73, 24, 58, 45, 51, 64, 53, 76, 54, 67, 0], Distance=156.47, RemCap=301.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46040.74

--------------------------------------------------

Ep 32/50 | Reward 4555.29 | Loss 647948598.15 | Dist 1410.77 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 3, 4, 12, 38, 14, 13, 54, 20, 76, 60, 5, 74, 35, 36, 6, 63, 45, 29, 17, 58, 1, 11, 2, 9, 10, 32, 7, 8, 43, 0], Distance=340.44, RemCap=6.0

Vehicle 1: Route=[0, 62, 65, 57, 71, 18, 53, 78, 64, 15, 23, 79, 77, 68, 75, 52, 67, 0], Distance=337.07, RemCap=227.0

Vehicle 2: Route=[0, 50, 72, 55, 80, 47, 21, 42, 24, 66, 51, 31, 26, 40, 0], Distance=237.98, RemCap=252.0

Vehicle 3: Route=[0, 59, 44, 37, 46, 56, 70, 41, 69, 39, 22, 34, 73, 0], Distance=266.29, RemCap=256.0

Vehicle 4: Route=[0, 33, 27, 30, 25, 28, 48, 61, 49, 0], Distance=228.98, RemCap=296.0

Total vehicle waiting time = 0.00

Total customer waiting time = 51906.51

--------------------------------------------------

Ep 33/50 | Reward 5218.11 | Loss 980215892.99 | Dist 1405.75 | Vehl 5

Vehicle 0: Route=[0, 34, 1, 11, 2, 10, 9, 8, 30, 7, 43, 17, 58, 45, 47, 6, 23, 15, 5, 60, 18, 14, 13, 76, 20, 16, 19, 67, 3, 4, 12, 70, 0], Distance=386.90, RemCap=2.0

Vehicle 1: Route=[0, 36, 79, 64, 53, 78, 61, 46, 71, 55, 41, 69, 39, 32, 42, 59, 0], Distance=262.44, RemCap=215.0

Vehicle 2: Route=[0, 68, 52, 74, 54, 57, 65, 62, 66, 29, 51, 25, 75, 63, 0], Distance=232.56, RemCap=284.0

Vehicle 3: Route=[0, 49, 28, 31, 35, 26, 40, 21, 24, 22, 72, 38, 0], Distance=239.76, RemCap=295.0

Vehicle 4: Route=[0, 50, 77, 73, 27, 80, 56, 33, 48, 37, 44, 0], Distance=284.08, RemCap=241.0

Total vehicle waiting time = 199.75

Total customer waiting time = 46989.85

--------------------------------------------------

Ep 34/50 | Reward 5506.05 | Loss 1019846898.59 | Dist 1374.49 | Vehl 5

Vehicle 0: Route=[0, 68, 45, 58, 17, 77, 7, 43, 8, 9, 10, 2, 11, 1, 3, 4, 12, 18, 14, 13, 19, 16, 52, 20, 76, 5, 48, 64, 75, 28, 15, 6, 23, 0], Distance=365.10, RemCap=1.0

Vehicle 1: Route=[0, 42, 73, 65, 22, 32, 66, 59, 63, 26, 31, 78, 61, 67, 80, 57, 50, 0], Distance=263.77, RemCap=207.0

Vehicle 2: Route=[0, 30, 69, 72, 27, 70, 55, 56, 33, 46, 49, 37, 40, 44, 0], Distance=296.99, RemCap=193.0

Vehicle 3: Route=[0, 47, 25, 51, 79, 74, 60, 54, 41, 62, 24, 0], Distance=236.28, RemCap=305.0

Vehicle 4: Route=[0, 34, 39, 38, 71, 53, 35, 36, 29, 21, 0], Distance=212.36, RemCap=331.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41256.62

--------------------------------------------------

Ep 35/50 | Reward 4827.88 | Loss 763881367.31 | Dist 1389.06 | Vehl 5

Vehicle 0: Route=[0, 16, 20, 75, 40, 6, 44, 15, 48, 78, 53, 5, 18, 14, 71, 12, 4, 3, 13, 19, 50, 58, 29, 17, 7, 8, 9, 10, 1, 2, 22, 0], Distance=373.32, RemCap=3.0

Vehicle 1: Route=[0, 57, 41, 65, 11, 73, 77, 59, 68, 47, 35, 26, 23, 37, 74, 0], Distance=275.79, RemCap=260.0

Vehicle 2: Route=[0, 67, 80, 54, 61, 60, 28, 79, 36, 45, 21, 32, 62, 27, 0], Distance=267.88, RemCap=221.0

Vehicle 3: Route=[0, 42, 43, 31, 64, 76, 33, 55, 38, 70, 39, 69, 0], Distance=231.60, RemCap=299.0

Vehicle 4: Route=[0, 34, 72, 30, 66, 24, 63, 51, 25, 49, 56, 52, 46, 0], Distance=240.47, RemCap=254.0

Total vehicle waiting time = 71.40

Total customer waiting time = 47761.40

--------------------------------------------------

Ep 36/50 | Reward 4789.55 | Loss 758276098.88 | Dist 1355.76 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 13, 20, 61, 5, 18, 14, 12, 4, 3, 69, 2, 11, 1, 42, 9, 10, 7, 77, 66, 8, 24, 17, 29, 40, 6, 23, 15, 51, 25, 0], Distance=345.56, RemCap=13.0

Vehicle 1: Route=[0, 72, 41, 27, 71, 80, 67, 54, 49, 64, 37, 31, 43, 30, 58, 21, 0], Distance=261.05, RemCap=169.0

Vehicle 2: Route=[0, 68, 79, 48, 28, 75, 56, 57, 65, 39, 62, 32, 22, 0], Distance=285.43, RemCap=221.0

Vehicle 3: Route=[0, 45, 36, 26, 47, 52, 38, 33, 76, 74, 53, 60, 0], Distance=217.90, RemCap=304.0

Vehicle 4: Route=[0, 50, 34, 55, 70, 73, 59, 46, 78, 63, 44, 35, 0], Distance=245.83, RemCap=330.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46772.29

--------------------------------------------------

Ep 37/50 | Reward 5242.80 | Loss 898957793.08 | Dist 1312.55 | Vehl 5

Vehicle 0: Route=[0, 63, 40, 6, 36, 44, 15, 75, 5, 18, 56, 14, 54, 20, 16, 19, 13, 3, 4, 12, 1, 11, 2, 9, 10, 7, 77, 8, 24, 17, 59, 42, 0], Distance=364.20, RemCap=5.0

Vehicle 1: Route=[0, 65, 39, 62, 22, 43, 45, 25, 35, 26, 64, 61, 67, 57, 38, 55, 0], Distance=255.10, RemCap=180.0

Vehicle 2: Route=[0, 50, 34, 69, 73, 32, 21, 68, 51, 37, 48, 60, 49, 52, 0], Distance=221.94, RemCap=190.0

Vehicle 3: Route=[0, 46, 53, 28, 31, 66, 41, 72, 27, 70, 71, 80, 33, 0], Distance=264.74, RemCap=311.0

Vehicle 4: Route=[0, 58, 30, 29, 47, 76, 74, 78, 79, 23, 0], Distance=206.58, RemCap=351.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46874.79

--------------------------------------------------

Ep 38/50 | Reward 5085.95 | Loss 828592587.09 | Dist 1405.12 | Vehl 5

Vehicle 0: Route=[0, 9, 10, 8, 43, 7, 17, 6, 15, 48, 5, 61, 54, 13, 33, 18, 14, 12, 4, 3, 65, 2, 11, 1, 19, 16, 20, 52, 68, 0], Distance=338.38, RemCap=8.0

Vehicle 1: Route=[0, 50, 57, 76, 60, 53, 28, 51, 40, 36, 21, 24, 32, 39, 69, 73, 42, 59, 0], Distance=257.78, RemCap=143.0

Vehicle 2: Route=[0, 41, 77, 58, 45, 35, 26, 79, 23, 75, 64, 74, 46, 67, 71, 0], Distance=273.07, RemCap=272.0

Vehicle 3: Route=[0, 47, 63, 31, 29, 66, 22, 62, 34, 72, 80, 38, 70, 27, 0], Distance=252.93, RemCap=297.0

Vehicle 4: Route=[0, 55, 56, 49, 78, 25, 30, 44, 37, 0], Distance=282.95, RemCap=317.0

Total vehicle waiting time = 0.00

Total customer waiting time = 48395.27

--------------------------------------------------

Ep 39/50 | Reward 5294.83 | Loss 895160895.28 | Dist 1391.22 | Vehl 5

Vehicle 0: Route=[0, 52, 20, 16, 19, 67, 13, 14, 18, 12, 4, 3, 72, 41, 65, 1, 11, 2, 10, 9, 8, 43, 7, 17, 51, 40, 6, 35, 23, 15, 5, 76, 0], Distance=336.00, RemCap=1.0

Vehicle 1: Route=[0, 68, 54, 61, 60, 49, 64, 47, 25, 28, 26, 77, 42, 62, 69, 70, 0], Distance=289.42, RemCap=247.0

Vehicle 2: Route=[0, 59, 45, 21, 58, 24, 66, 22, 50, 71, 53, 48, 75, 0], Distance=231.70, RemCap=269.0

Vehicle 3: Route=[0, 63, 37, 79, 30, 32, 73, 34, 33, 56, 55, 57, 27, 0], Distance=298.42, RemCap=191.0

Vehicle 4: Route=[0, 39, 38, 80, 78, 74, 46, 29, 31, 36, 44, 0], Distance=235.68, RemCap=329.0

Total vehicle waiting time = 55.43

Total customer waiting time = 44845.11

--------------------------------------------------

Ep 40/50 | Reward 4801.57 | Loss 753333486.89 | Dist 1264.74 | Vehl 5

Vehicle 0: Route=[0, 58, 9, 10, 8, 7, 32, 62, 2, 11, 3, 4, 14, 18, 13, 67, 19, 16, 20, 78, 5, 53, 15, 23, 35, 79, 44, 6, 40, 46, 47, 0], Distance=347.68, RemCap=30.0

Vehicle 1: Route=[0, 50, 1, 22, 65, 12, 38, 71, 60, 61, 52, 36, 29, 17, 77, 43, 24, 0], Distance=279.81, RemCap=175.0

Vehicle 2: Route=[0, 34, 39, 42, 21, 45, 63, 51, 31, 26, 64, 49, 48, 0], Distance=205.86, RemCap=234.0

Vehicle 3: Route=[0, 59, 25, 74, 33, 56, 80, 57, 70, 27, 69, 73, 0], Distance=184.60, RemCap=286.0

Vehicle 4: Route=[0, 68, 75, 28, 37, 76, 54, 55, 72, 66, 30, 41, 0], Distance=246.78, RemCap=312.0

Total vehicle waiting time = 153.58

Total customer waiting time = 51039.66

--------------------------------------------------

Ep 41/50 | Reward 5019.94 | Loss 789655173.73 | Dist 1372.01 | Vehl 5

Vehicle 0: Route=[0, 19, 16, 20, 52, 47, 45, 6, 15, 48, 78, 5, 18, 14, 13, 3, 4, 12, 27, 41, 65, 1, 11, 2, 10, 9, 17, 8, 30, 7, 66, 0], Distance=360.07, RemCap=0.0

Vehicle 1: Route=[0, 68, 43, 32, 42, 73, 72, 55, 67, 33, 61, 64, 25, 51, 26, 36, 0], Distance=256.71, RemCap=213.0

Vehicle 2: Route=[0, 59, 24, 21, 63, 40, 79, 35, 74, 60, 76, 54, 57, 34, 69, 62, 0], Distance=257.53, RemCap=213.0

Vehicle 3: Route=[0, 50, 49, 56, 71, 39, 22, 77, 44, 31, 0], Distance=269.02, RemCap=278.0

Vehicle 4: Route=[0, 58, 29, 23, 75, 28, 37, 53, 46, 80, 38, 70, 0], Distance=228.68, RemCap=333.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46534.63

--------------------------------------------------

Ep 42/50 | Reward 5090.40 | Loss 865771125.36 | Dist 1280.02 | Vehl 5

Vehicle 0: Route=[0, 9, 10, 30, 7, 43, 8, 17, 29, 40, 6, 31, 15, 5, 78, 20, 16, 19, 13, 14, 18, 12, 4, 3, 65, 2, 11, 39, 1, 73, 0], Distance=327.81, RemCap=2.0

Vehicle 1: Route=[0, 59, 45, 25, 35, 79, 48, 53, 49, 76, 61, 74, 75, 67, 80, 50, 34, 0], Distance=221.23, RemCap=174.0

Vehicle 2: Route=[0, 52, 46, 57, 71, 55, 27, 69, 42, 21, 51, 36, 26, 44, 0], Distance=228.18, RemCap=252.0

Vehicle 3: Route=[0, 68, 54, 33, 60, 37, 47, 63, 58, 62, 70, 41, 0], Distance=248.21, RemCap=302.0

Vehicle 4: Route=[0, 23, 28, 64, 56, 38, 72, 22, 24, 66, 77, 32, 0], Distance=254.59, RemCap=307.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46567.59

--------------------------------------------------

Ep 43/50 | Reward 4855.63 | Loss 756218158.61 | Dist 1381.37 | Vehl 5

Vehicle 0: Route=[0, 50, 1, 11, 62, 9, 10, 7, 8, 24, 17, 29, 40, 6, 23, 15, 28, 5, 60, 18, 14, 80, 55, 12, 4, 3, 19, 16, 52, 20, 13, 54, 0], Distance=327.88, RemCap=7.0

Vehicle 1: Route=[0, 68, 46, 75, 26, 45, 21, 58, 77, 2, 39, 70, 56, 33, 72, 42, 0], Distance=310.76, RemCap=203.0

Vehicle 2: Route=[0, 67, 61, 49, 53, 48, 35, 36, 63, 47, 59, 43, 65, 69, 22, 0], Distance=249.13, RemCap=216.0

Vehicle 3: Route=[0, 30, 73, 38, 76, 64, 79, 31, 51, 25, 0], Distance=233.21, RemCap=325.0

Vehicle 4: Route=[0, 74, 78, 37, 44, 66, 32, 41, 27, 34, 57, 71, 0], Distance=260.39, RemCap=286.0

Total vehicle waiting time = 0.00

Total customer waiting time = 47945.71

--------------------------------------------------

Ep 44/50 | Reward 5573.88 | Loss 988976413.39 | Dist 1393.10 | Vehl 5

Vehicle 0: Route=[0, 50, 34, 19, 3, 4, 12, 18, 14, 13, 54, 16, 52, 20, 5, 64, 15, 23, 35, 44, 6, 17, 24, 8, 7, 10, 9, 1, 2, 11, 39, 0], Distance=357.32, RemCap=5.0

Vehicle 1: Route=[0, 59, 45, 51, 31, 28, 46, 61, 60, 57, 65, 69, 22, 32, 30, 43, 42, 0], Distance=254.83, RemCap=159.0

Vehicle 2: Route=[0, 55, 38, 70, 73, 68, 75, 63, 40, 79, 48, 53, 33, 76, 0], Distance=275.23, RemCap=243.0

Vehicle 3: Route=[0, 80, 56, 78, 49, 37, 26, 25, 21, 29, 66, 62, 41, 27, 0], Distance=286.71, RemCap=247.0

Vehicle 4: Route=[0, 58, 77, 36, 47, 74, 67, 71, 72, 0], Distance=219.00, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44215.69

--------------------------------------------------

Ep 45/50 | Reward 5232.69 | Loss 845417756.54 | Dist 1390.88 | Vehl 5

Vehicle 0: Route=[0, 9, 10, 8, 7, 77, 17, 6, 26, 25, 15, 37, 74, 78, 5, 60, 18, 14, 13, 20, 16, 50, 19, 3, 4, 12, 1, 39, 11, 2, 27, 0], Distance=379.40, RemCap=4.0

Vehicle 1: Route=[0, 67, 80, 71, 61, 75, 42, 73, 41, 65, 32, 30, 21, 45, 51, 36, 23, 0], Distance=298.34, RemCap=176.0

Vehicle 2: Route=[0, 31, 35, 79, 44, 58, 24, 34, 72, 70, 57, 56, 33, 53, 0], Distance=269.21, RemCap=230.0

Vehicle 3: Route=[0, 68, 59, 40, 48, 64, 46, 76, 54, 55, 38, 22, 66, 43, 0], Distance=262.15, RemCap=247.0

Vehicle 4: Route=[0, 62, 69, 52, 49, 28, 47, 63, 29, 0], Distance=181.77, RemCap=380.0

Total vehicle waiting time = 9.94

Total customer waiting time = 47539.96

--------------------------------------------------

Ep 46/50 | Reward 5208.37 | Loss 851532199.61 | Dist 1269.16 | Vehl 5

Vehicle 0: Route=[0, 16, 19, 67, 20, 54, 13, 14, 18, 5, 53, 49, 78, 15, 51, 6, 36, 17, 7, 8, 9, 10, 62, 2, 11, 1, 65, 70, 12, 4, 3, 80, 0], Distance=337.94, RemCap=6.0

Vehicle 1: Route=[0, 34, 69, 39, 24, 77, 44, 79, 26, 31, 23, 25, 64, 60, 56, 47, 0], Distance=280.58, RemCap=205.0

Vehicle 2: Route=[0, 59, 21, 63, 40, 35, 37, 28, 52, 57, 22, 73, 42, 32, 0], Distance=258.92, RemCap=260.0

Vehicle 3: Route=[0, 50, 33, 76, 61, 74, 48, 29, 58, 66, 41, 27, 72, 0], Distance=216.61, RemCap=247.0

Vehicle 4: Route=[0, 30, 43, 45, 68, 75, 46, 71, 55, 38, 0], Distance=175.12, RemCap=319.0

Total vehicle waiting time = 10.61

Total customer waiting time = 44870.67

--------------------------------------------------

Ep 47/50 | Reward 5345.50 | Loss 940891276.92 | Dist 1305.67 | Vehl 5

Vehicle 0: Route=[0, 19, 16, 20, 13, 3, 1, 11, 2, 27, 12, 4, 71, 56, 18, 14, 54, 76, 5, 53, 64, 15, 23, 6, 17, 7, 8, 10, 9, 42, 58, 63, 0], Distance=391.99, RemCap=18.0

Vehicle 1: Route=[0, 50, 34, 70, 65, 39, 73, 59, 45, 40, 79, 47, 46, 61, 60, 49, 48, 0], Distance=254.10, RemCap=96.0

Vehicle 2: Route=[0, 62, 69, 41, 57, 67, 52, 75, 25, 51, 35, 44, 77, 66, 0], Distance=235.73, RemCap=278.0

Vehicle 3: Route=[0, 72, 32, 43, 29, 36, 26, 31, 37, 78, 74, 0], Distance=205.26, RemCap=344.0

Vehicle 4: Route=[0, 68, 28, 21, 24, 30, 22, 38, 55, 33, 80, 0], Distance=218.59, RemCap=301.0

Total vehicle waiting time = 10.61

Total customer waiting time = 42321.72

--------------------------------------------------

Ep 48/50 | Reward 4694.42 | Loss 705369613.99 | Dist 1376.81 | Vehl 5

Vehicle 0: Route=[0, 52, 20, 16, 19, 13, 5, 18, 14, 12, 4, 3, 1, 69, 11, 2, 22, 9, 10, 30, 8, 43, 29, 25, 51, 40, 6, 79, 26, 15, 28, 75, 0], Distance=338.87, RemCap=14.0

Vehicle 1: Route=[0, 45, 63, 23, 31, 35, 7, 17, 58, 42, 39, 41, 50, 33, 46, 53, 61, 0], Distance=291.31, RemCap=173.0

Vehicle 2: Route=[0, 73, 24, 37, 49, 74, 56, 80, 71, 55, 38, 27, 72, 0], Distance=234.22, RemCap=230.0

Vehicle 3: Route=[0, 68, 59, 34, 65, 70, 57, 67, 76, 48, 44, 66, 0], Distance=255.91, RemCap=307.0

Vehicle 4: Route=[0, 54, 60, 78, 64, 47, 36, 21, 62, 77, 32, 0], Distance=256.49, RemCap=313.0

Total vehicle waiting time = 211.66

Total customer waiting time = 52940.83

--------------------------------------------------

Ep 49/50 | Reward 5445.43 | Loss 911426225.75 | Dist 1361.68 | Vehl 5

Vehicle 0: Route=[0, 73, 2, 11, 1, 34, 3, 4, 12, 55, 71, 14, 18, 5, 15, 31, 26, 79, 6, 64, 20, 13, 19, 16, 68, 25, 63, 17, 8, 7, 32, 10, 9, 24, 0], Distance=394.73, RemCap=3.0

Vehicle 1: Route=[0, 67, 72, 27, 62, 22, 77, 35, 51, 75, 49, 78, 61, 74, 0], Distance=239.07, RemCap=230.0

Vehicle 2: Route=[0, 58, 21, 36, 23, 37, 28, 47, 46, 53, 60, 38, 39, 42, 50, 0], Distance=275.02, RemCap=229.0

Vehicle 3: Route=[0, 59, 45, 48, 76, 56, 80, 70, 41, 69, 30, 0], Distance=224.89, RemCap=306.0

Vehicle 4: Route=[0, 43, 66, 29, 44, 40, 52, 54, 33, 57, 65, 0], Distance=227.97, RemCap=269.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43449.34

--------------------------------------------------

Ep 50/50 | Reward 5170.91 | Loss 822950402.95 | Dist 1356.04 | Vehl 5

Vehicle 0: Route=[0, 34, 1, 11, 2, 62, 73, 9, 10, 32, 30, 7, 8, 24, 17, 29, 6, 26, 15, 49, 5, 76, 18, 14, 12, 4, 3, 19, 16, 13, 20, 28, 0], Distance=370.79, RemCap=11.0

Vehicle 1: Route=[0, 42, 65, 41, 27, 70, 57, 71, 80, 61, 60, 78, 75, 45, 31, 40, 0], Distance=236.21, RemCap=185.0

Vehicle 2: Route=[0, 50, 22, 72, 38, 67, 54, 53, 35, 79, 36, 63, 47, 52, 46, 0], Distance=251.25, RemCap=247.0

Vehicle 3: Route=[0, 68, 51, 44, 23, 74, 56, 55, 69, 43, 66, 21, 58, 0], Distance=267.74, RemCap=270.0

Vehicle 4: Route=[0, 59, 77, 39, 33, 25, 37, 48, 64, 0], Distance=230.05, RemCap=324.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45780.90

--------------------------------------------------

--- Training with max\_vehicles = 6 ---

Ep 1/50 | Reward 5017.22 | Loss 891087988.16 | Dist 1497.12 | Vehl 6

Vehicle 0: Route=[0, 19, 3, 4, 12, 56, 18, 14, 13, 16, 20, 46, 61, 76, 5, 37, 15, 6, 17, 66, 7, 8, 9, 10, 2, 11, 39, 1, 42, 29, 63, 0], Distance=372.81, RemCap=0.0

Vehicle 1: Route=[0, 30, 62, 27, 70, 67, 33, 60, 49, 75, 26, 79, 44, 40, 51, 45, 0], Distance=263.69, RemCap=151.0

Vehicle 2: Route=[0, 68, 35, 23, 28, 48, 53, 47, 50, 22, 41, 55, 71, 0], Distance=244.84, RemCap=298.0

Vehicle 3: Route=[0, 52, 54, 25, 36, 21, 58, 24, 32, 73, 65, 0], Distance=199.35, RemCap=323.0

Vehicle 4: Route=[0, 74, 31, 43, 72, 80, 57, 0], Distance=211.56, RemCap=373.0

Vehicle 5: Route=[0, 59, 77, 69, 34, 38, 78, 64, 0], Distance=204.86, RemCap=392.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44839.62

--------------------------------------------------

Ep 2/50 | Reward 4825.91 | Loss 844019911.46 | Dist 1435.11 | Vehl 6

Vehicle 0: Route=[0, 19, 16, 20, 21, 17, 8, 7, 30, 10, 9, 73, 2, 11, 1, 3, 4, 12, 38, 80, 14, 18, 13, 60, 5, 53, 15, 23, 6, 44, 26, 0], Distance=369.71, RemCap=0.0

Vehicle 1: Route=[0, 58, 66, 77, 31, 28, 74, 52, 33, 70, 41, 62, 34, 0], Distance=262.83, RemCap=334.0

Vehicle 2: Route=[0, 46, 75, 64, 48, 37, 35, 43, 32, 50, 57, 67, 0], Distance=220.64, RemCap=248.0

Vehicle 3: Route=[0, 72, 65, 39, 59, 29, 51, 47, 54, 61, 49, 76, 0], Distance=189.02, RemCap=237.0

Vehicle 4: Route=[0, 68, 45, 63, 36, 79, 78, 71, 56, 0], Distance=188.01, RemCap=360.0

Vehicle 5: Route=[0, 55, 27, 69, 22, 42, 24, 25, 40, 0], Distance=204.90, RemCap=358.0

Total vehicle waiting time = 9.94

Total customer waiting time = 44520.13

--------------------------------------------------

Ep 3/50 | Reward 5567.38 | Loss 1100933722.72 | Dist 1403.05 | Vehl 6

Vehicle 0: Route=[0, 19, 13, 14, 18, 56, 12, 4, 3, 1, 11, 2, 9, 10, 32, 7, 8, 17, 63, 51, 6, 26, 23, 15, 48, 5, 61, 20, 16, 47, 0], Distance=341.01, RemCap=5.0

Vehicle 1: Route=[0, 59, 42, 66, 22, 41, 33, 54, 76, 49, 60, 53, 64, 79, 40, 0], Distance=259.23, RemCap=201.0

Vehicle 2: Route=[0, 52, 67, 71, 73, 77, 24, 58, 45, 37, 35, 36, 0], Distance=254.66, RemCap=312.0

Vehicle 3: Route=[0, 34, 39, 62, 69, 65, 27, 70, 72, 57, 28, 75, 0], Distance=172.61, RemCap=289.0

Vehicle 4: Route=[0, 50, 68, 21, 43, 29, 25, 46, 80, 0], Distance=165.19, RemCap=350.0

Vehicle 5: Route=[0, 55, 38, 74, 78, 31, 44, 30, 0], Distance=210.35, RemCap=380.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42463.61

--------------------------------------------------

Ep 4/50 | Reward 4797.25 | Loss 836859728.27 | Dist 1426.76 | Vehl 6

Vehicle 0: Route=[0, 16, 46, 20, 67, 19, 1, 11, 2, 41, 72, 3, 4, 12, 18, 14, 13, 54, 76, 5, 48, 15, 6, 36, 29, 17, 9, 10, 8, 30, 7, 77, 0], Distance=359.55, RemCap=2.0

Vehicle 1: Route=[0, 58, 32, 62, 69, 34, 80, 56, 78, 37, 79, 26, 63, 52, 0], Distance=268.50, RemCap=270.0

Vehicle 2: Route=[0, 39, 24, 59, 21, 45, 31, 23, 28, 64, 49, 61, 33, 0], Distance=210.98, RemCap=232.0

Vehicle 3: Route=[0, 75, 40, 44, 43, 42, 73, 22, 27, 57, 50, 0], Distance=218.75, RemCap=253.0

Vehicle 4: Route=[0, 68, 47, 25, 51, 35, 53, 55, 71, 0], Distance=173.28, RemCap=375.0

Vehicle 5: Route=[0, 66, 65, 70, 38, 74, 60, 0], Distance=195.71, RemCap=405.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46227.59

--------------------------------------------------

Ep 5/50 | Reward 4698.48 | Loss 762833100.55 | Dist 1532.12 | Vehl 6

Vehicle 0: Route=[0, 68, 21, 45, 63, 51, 6, 15, 53, 5, 18, 14, 13, 67, 20, 16, 19, 3, 4, 55, 12, 1, 11, 2, 9, 17, 8, 43, 66, 7, 77, 0], Distance=352.36, RemCap=3.0

Vehicle 1: Route=[0, 50, 42, 10, 30, 26, 37, 48, 75, 49, 38, 27, 65, 0], Distance=276.40, RemCap=230.0

Vehicle 2: Route=[0, 29, 40, 79, 64, 78, 33, 56, 71, 80, 72, 69, 22, 39, 0], Distance=235.96, RemCap=217.0

Vehicle 3: Route=[0, 59, 41, 70, 52, 76, 28, 23, 31, 44, 24, 0], Distance=238.20, RemCap=377.0

Vehicle 4: Route=[0, 62, 36, 47, 46, 74, 60, 54, 57, 0], Distance=232.16, RemCap=341.0

Vehicle 5: Route=[0, 61, 25, 35, 58, 32, 34, 73, 0], Distance=197.05, RemCap=369.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45610.54

--------------------------------------------------

Ep 6/50 | Reward 5469.90 | Loss 1043468278.33 | Dist 1539.34 | Vehl 6

Vehicle 0: Route=[0, 19, 3, 4, 12, 38, 14, 18, 54, 13, 16, 20, 46, 5, 28, 15, 35, 44, 6, 51, 29, 17, 7, 8, 10, 9, 21, 42, 73, 1, 11, 2, 69, 0], Distance=378.08, RemCap=5.0

Vehicle 1: Route=[0, 43, 77, 22, 39, 27, 72, 50, 80, 76, 74, 53, 37, 23, 68, 0], Distance=265.64, RemCap=208.0

Vehicle 2: Route=[0, 57, 70, 30, 66, 59, 45, 40, 79, 31, 75, 49, 0], Distance=257.81, RemCap=254.0

Vehicle 3: Route=[0, 52, 64, 60, 67, 55, 34, 62, 58, 0], Distance=191.24, RemCap=355.0

Vehicle 4: Route=[0, 65, 32, 36, 63, 47, 33, 71, 56, 0], Distance=242.39, RemCap=349.0

Vehicle 5: Route=[0, 41, 24, 25, 26, 48, 61, 78, 0], Distance=204.18, RemCap=366.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40753.61

--------------------------------------------------

Ep 7/50 | Reward 5026.44 | Loss 875136818.15 | Dist 1430.88 | Vehl 6

Vehicle 0: Route=[0, 47, 20, 13, 14, 18, 5, 53, 64, 15, 26, 6, 51, 29, 17, 7, 8, 10, 9, 24, 42, 2, 11, 1, 34, 3, 4, 12, 38, 19, 67, 0], Distance=359.70, RemCap=30.0

Vehicle 1: Route=[0, 73, 39, 27, 72, 55, 57, 80, 16, 52, 44, 79, 23, 78, 0], Distance=241.14, RemCap=208.0

Vehicle 2: Route=[0, 62, 30, 77, 43, 58, 45, 31, 28, 49, 61, 74, 0], Distance=209.92, RemCap=269.0

Vehicle 3: Route=[0, 50, 70, 69, 22, 21, 37, 76, 33, 54, 46, 68, 0], Distance=222.18, RemCap=296.0

Vehicle 4: Route=[0, 60, 25, 35, 36, 40, 66, 59, 0], Distance=176.08, RemCap=397.0

Vehicle 5: Route=[0, 75, 48, 63, 32, 65, 41, 71, 56, 0], Distance=221.86, RemCap=337.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43686.28

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Ep 8/50 | Reward 4733.53 | Loss 802860606.16 | Dist 1591.69 | Vehl 6

Vehicle 0: Route=[0, 16, 19, 54, 13, 3, 4, 12, 14, 18, 5, 53, 15, 26, 6, 29, 47, 46, 68, 59, 17, 8, 7, 30, 10, 9, 2, 11, 1, 41, 27, 0], Distance=383.32, RemCap=17.0

Vehicle 1: Route=[0, 20, 52, 45, 31, 35, 40, 43, 69, 34, 71, 56, 0], Distance=250.04, RemCap=293.0

Vehicle 2: Route=[0, 21, 32, 65, 72, 70, 55, 57, 61, 49, 25, 51, 48, 0], Distance=245.83, RemCap=208.0

Vehicle 3: Route=[0, 28, 23, 79, 37, 78, 38, 62, 24, 77, 0], Distance=273.19, RemCap=353.0

Vehicle 4: Route=[0, 67, 33, 60, 74, 75, 44, 63, 58, 73, 22, 39, 0], Distance=219.74, RemCap=271.0

Vehicle 5: Route=[0, 36, 66, 42, 50, 80, 76, 64, 0], Distance=219.57, RemCap=395.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45767.55

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Ep 9/50 | Reward 5339.69 | Loss 1008168589.61 | Dist 1429.74 | Vehl 6

Vehicle 0: Route=[0, 62, 2, 11, 1, 3, 4, 12, 57, 71, 14, 18, 13, 19, 16, 68, 52, 20, 5, 28, 15, 35, 6, 40, 17, 77, 7, 30, 8, 10, 9, 24, 0], Distance=356.81, RemCap=8.0

Vehicle 1: Route=[0, 42, 59, 58, 66, 63, 46, 74, 49, 76, 38, 70, 41, 22, 39, 0], Distance=238.54, RemCap=264.0

Vehicle 2: Route=[0, 45, 29, 44, 26, 37, 48, 60, 34, 27, 69, 43, 32, 0], Distance=267.53, RemCap=238.0

Vehicle 3: Route=[0, 65, 72, 67, 25, 36, 23, 78, 61, 54, 33, 56, 0], Distance=240.84, RemCap=289.0

Vehicle 4: Route=[0, 55, 80, 53, 64, 79, 21, 47, 0], Distance=198.52, RemCap=346.0

Vehicle 5: Route=[0, 51, 31, 75, 50, 73, 0], Distance=127.49, RemCap=392.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42517.31

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Ep 10/50 | Reward 4884.01 | Loss 808297544.65 | Dist 1492.71 | Vehl 6

Vehicle 0: Route=[0, 59, 17, 8, 7, 32, 10, 9, 2, 11, 69, 1, 65, 3, 4, 12, 38, 18, 14, 13, 19, 16, 20, 74, 78, 5, 64, 28, 15, 23, 36, 6, 25, 47, 52, 0], Distance=345.19, RemCap=30.0

Vehicle 1: Route=[0, 42, 62, 66, 29, 31, 49, 53, 60, 71, 55, 34, 50, 0], Distance=256.35, RemCap=281.0

Vehicle 2: Route=[0, 72, 27, 24, 77, 44, 40, 75, 54, 76, 0], Distance=229.99, RemCap=312.0

Vehicle 3: Route=[0, 67, 33, 56, 57, 70, 58, 79, 63, 68, 0], Distance=212.87, RemCap=309.0

Vehicle 4: Route=[0, 41, 39, 73, 30, 45, 46, 35, 26, 37, 61, 0], Distance=246.34, RemCap=262.0

Vehicle 5: Route=[0, 22, 43, 21, 51, 48, 80, 0], Distance=201.96, RemCap=343.0

Total vehicle waiting time = 0.00

Total customer waiting time = 48552.56

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Ep 11/50 | Reward 5349.35 | Loss 1033090599.40 | Dist 1516.61 | Vehl 6

Vehicle 0: Route=[0, 68, 45, 17, 29, 6, 26, 31, 15, 37, 5, 60, 18, 14, 33, 13, 20, 16, 19, 55, 12, 4, 3, 69, 2, 11, 1, 9, 8, 7, 10, 32, 0], Distance=365.68, RemCap=6.0

Vehicle 1: Route=[0, 75, 64, 53, 48, 23, 51, 59, 58, 24, 30, 41, 38, 54, 0], Distance=271.56, RemCap=233.0

Vehicle 2: Route=[0, 70, 80, 76, 61, 49, 25, 35, 40, 21, 43, 77, 0], Distance=236.99, RemCap=266.0

Vehicle 3: Route=[0, 52, 74, 28, 36, 44, 62, 57, 67, 0], Distance=222.41, RemCap=377.0

Vehicle 4: Route=[0, 50, 34, 65, 39, 73, 66, 79, 47, 56, 71, 0], Distance=252.17, RemCap=267.0

Vehicle 5: Route=[0, 72, 27, 22, 42, 63, 46, 78, 0], Distance=167.79, RemCap=388.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43716.68

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Ep 12/50 | Reward 5588.20 | Loss 1122512685.88 | Dist 1531.31 | Vehl 6

Vehicle 0: Route=[0, 16, 20, 13, 14, 18, 5, 37, 15, 6, 40, 51, 68, 17, 7, 8, 9, 10, 2, 11, 69, 1, 72, 70, 4, 12, 38, 57, 3, 19, 67, 0], Distance=361.78, RemCap=4.0

Vehicle 1: Route=[0, 59, 43, 26, 63, 45, 47, 74, 78, 49, 60, 54, 80, 34, 39, 0], Distance=260.45, RemCap=207.0

Vehicle 2: Route=[0, 21, 29, 24, 77, 32, 22, 71, 76, 36, 48, 0], Distance=275.93, RemCap=319.0

Vehicle 3: Route=[0, 52, 79, 75, 46, 56, 55, 50, 65, 73, 42, 0], Distance=237.31, RemCap=285.0

Vehicle 4: Route=[0, 27, 44, 35, 31, 23, 28, 64, 61, 0], Distance=191.52, RemCap=359.0

Vehicle 5: Route=[0, 58, 66, 30, 62, 41, 33, 53, 25, 0], Distance=204.33, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39349.03

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Ep 13/50 | Reward 5204.90 | Loss 992841370.75 | Dist 1532.35 | Vehl 6

Vehicle 0: Route=[0, 16, 19, 13, 33, 20, 74, 49, 5, 18, 14, 80, 3, 4, 12, 65, 1, 11, 2, 62, 10, 9, 8, 7, 17, 58, 63, 28, 15, 23, 31, 6, 26, 0], Distance=358.09, RemCap=24.0

Vehicle 1: Route=[0, 47, 53, 76, 54, 52, 50, 72, 22, 59, 29, 79, 77, 0], Distance=291.32, RemCap=274.0

Vehicle 2: Route=[0, 71, 56, 78, 64, 25, 24, 43, 66, 32, 69, 0], Distance=218.72, RemCap=333.0

Vehicle 3: Route=[0, 68, 21, 30, 39, 57, 67, 61, 46, 36, 35, 0], Distance=244.41, RemCap=259.0

Vehicle 4: Route=[0, 45, 60, 34, 73, 41, 27, 70, 55, 0], Distance=195.85, RemCap=330.0

Vehicle 5: Route=[0, 42, 38, 75, 51, 40, 44, 48, 37, 0], Distance=223.96, RemCap=317.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41717.47

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Ep 14/50 | Reward 4975.83 | Loss 875979321.50 | Dist 1553.54 | Vehl 6

Vehicle 0: Route=[0, 59, 17, 7, 8, 9, 10, 2, 11, 1, 72, 3, 4, 12, 57, 19, 50, 16, 20, 13, 14, 18, 5, 78, 48, 15, 6, 40, 45, 52, 0], Distance=345.43, RemCap=5.0

Vehicle 1: Route=[0, 46, 28, 44, 58, 77, 22, 39, 71, 80, 33, 74, 49, 53, 0], Distance=287.06, RemCap=237.0

Vehicle 2: Route=[0, 42, 63, 26, 43, 32, 62, 34, 38, 70, 41, 65, 0], Distance=257.79, RemCap=328.0

Vehicle 3: Route=[0, 67, 55, 27, 69, 66, 29, 47, 75, 25, 51, 23, 0], Distance=236.19, RemCap=321.0

Vehicle 4: Route=[0, 73, 21, 36, 79, 37, 64, 68, 54, 56, 0], Distance=232.79, RemCap=296.0

Vehicle 5: Route=[0, 30, 24, 61, 76, 60, 35, 31, 0], Distance=194.28, RemCap=350.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42820.25

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Ep 15/50 | Reward 4738.05 | Loss 810905285.39 | Dist 1584.72 | Vehl 6

Vehicle 0: Route=[0, 52, 6, 15, 75, 61, 76, 5, 60, 18, 14, 13, 20, 16, 19, 80, 71, 3, 4, 12, 70, 72, 1, 11, 2, 10, 9, 17, 8, 7, 43, 0], Distance=372.53, RemCap=13.0

Vehicle 1: Route=[0, 68, 33, 38, 39, 73, 30, 36, 35, 25, 64, 49, 48, 0], Distance=287.04, RemCap=233.0

Vehicle 2: Route=[0, 47, 78, 37, 40, 77, 65, 41, 34, 50, 0], Distance=205.96, RemCap=310.0

Vehicle 3: Route=[0, 42, 32, 56, 53, 46, 28, 23, 79, 44, 51, 0], Distance=254.48, RemCap=307.0

Vehicle 4: Route=[0, 69, 55, 67, 54, 74, 26, 63, 21, 58, 66, 59, 0], Distance=249.92, RemCap=341.0

Vehicle 5: Route=[0, 45, 31, 29, 24, 22, 62, 57, 27, 0], Distance=214.79, RemCap=333.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44566.97

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Ep 16/50 | Reward 5231.23 | Loss 946741911.57 | Dist 1550.34 | Vehl 6

Vehicle 0: Route=[0, 50, 16, 19, 3, 4, 12, 57, 14, 18, 13, 20, 60, 5, 15, 44, 6, 25, 68, 58, 17, 77, 7, 8, 9, 10, 1, 11, 2, 22, 32, 0], Distance=386.59, RemCap=0.0

Vehicle 1: Route=[0, 62, 30, 24, 45, 35, 31, 47, 46, 78, 53, 54, 38, 71, 0], Distance=270.38, RemCap=278.0

Vehicle 2: Route=[0, 52, 56, 55, 72, 27, 69, 29, 75, 64, 37, 49, 76, 0], Distance=254.51, RemCap=246.0

Vehicle 3: Route=[0, 67, 80, 70, 41, 34, 73, 66, 79, 59, 0], Distance=230.03, RemCap=348.0

Vehicle 4: Route=[0, 39, 61, 48, 28, 23, 26, 40, 63, 21, 0], Distance=189.70, RemCap=302.0

Vehicle 5: Route=[0, 42, 43, 65, 33, 74, 51, 36, 0], Distance=219.13, RemCap=363.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45942.48

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Ep 17/50 | Reward 5059.45 | Loss 910921241.22 | Dist 1413.45 | Vehl 6

Vehicle 0: Route=[0, 68, 17, 8, 66, 7, 30, 10, 9, 1, 11, 2, 69, 65, 16, 19, 3, 4, 12, 18, 14, 13, 20, 5, 75, 15, 31, 26, 44, 36, 6, 40, 63, 25, 0], Distance=376.49, RemCap=16.0

Vehicle 1: Route=[0, 64, 48, 37, 79, 29, 58, 59, 24, 73, 41, 55, 80, 56, 33, 0], Distance=271.57, RemCap=189.0

Vehicle 2: Route=[0, 42, 22, 62, 27, 72, 52, 47, 46, 49, 35, 0], Distance=213.22, RemCap=312.0

Vehicle 3: Route=[0, 21, 45, 51, 28, 71, 70, 39, 43, 0], Distance=206.01, RemCap=334.0

Vehicle 4: Route=[0, 77, 32, 38, 57, 67, 61, 74, 53, 78, 0], Distance=196.58, RemCap=305.0

Vehicle 5: Route=[0, 23, 60, 76, 54, 50, 34, 0], Distance=149.57, RemCap=381.0

Total vehicle waiting time = 9.94

Total customer waiting time = 43997.51

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Ep 18/50 | Reward 5076.15 | Loss 886283454.09 | Dist 1420.42 | Vehl 6

Vehicle 0: Route=[0, 52, 47, 64, 5, 18, 56, 14, 13, 20, 16, 50, 19, 57, 38, 12, 4, 3, 1, 11, 2, 9, 10, 7, 8, 24, 17, 6, 26, 15, 28, 0], Distance=368.49, RemCap=1.0

Vehicle 1: Route=[0, 73, 22, 62, 69, 72, 70, 55, 80, 76, 61, 74, 78, 31, 79, 53, 0], Distance=258.69, RemCap=245.0

Vehicle 2: Route=[0, 59, 36, 35, 48, 49, 67, 34, 27, 32, 30, 77, 66, 0], Distance=247.73, RemCap=255.0

Vehicle 3: Route=[0, 68, 75, 46, 54, 33, 39, 43, 29, 0], Distance=178.17, RemCap=317.0

Vehicle 4: Route=[0, 71, 41, 65, 21, 45, 63, 40, 37, 60, 25, 0], Distance=246.70, RemCap=304.0

Vehicle 5: Route=[0, 42, 58, 51, 23, 44, 0], Distance=120.65, RemCap=415.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45168.08

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Ep 19/50 | Reward 4850.51 | Loss 773794741.94 | Dist 1517.37 | Vehl 6

Vehicle 0: Route=[0, 52, 20, 49, 5, 18, 14, 12, 4, 3, 13, 67, 16, 19, 34, 1, 65, 11, 2, 10, 9, 8, 7, 17, 40, 6, 44, 35, 15, 64, 63, 42, 0], Distance=377.65, RemCap=2.0

Vehicle 1: Route=[0, 27, 41, 32, 30, 77, 68, 47, 25, 51, 48, 54, 74, 78, 0], Distance=246.44, RemCap=241.0

Vehicle 2: Route=[0, 50, 73, 70, 38, 80, 53, 37, 28, 31, 24, 59, 0], Distance=240.64, RemCap=318.0

Vehicle 3: Route=[0, 58, 79, 75, 60, 76, 57, 62, 69, 0], Distance=230.36, RemCap=336.0

Vehicle 4: Route=[0, 72, 55, 71, 56, 33, 23, 26, 66, 43, 21, 29, 0], Distance=240.79, RemCap=290.0

Vehicle 5: Route=[0, 39, 22, 45, 36, 61, 46, 0], Distance=181.49, RemCap=350.0

Total vehicle waiting time = 19.10

Total customer waiting time = 43960.77

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Ep 20/50 | Reward 5007.56 | Loss 833020498.35 | Dist 1509.60 | Vehl 6

Vehicle 0: Route=[0, 16, 19, 50, 72, 70, 12, 4, 3, 57, 80, 13, 14, 18, 5, 76, 20, 15, 35, 26, 79, 6, 17, 66, 7, 8, 9, 10, 1, 11, 2, 22, 62, 0], Distance=365.09, RemCap=0.0

Vehicle 1: Route=[0, 34, 55, 38, 65, 30, 68, 47, 28, 44, 23, 48, 53, 54, 78, 0], Distance=312.66, RemCap=243.0

Vehicle 2: Route=[0, 59, 43, 77, 73, 39, 27, 71, 33, 49, 64, 75, 63, 0], Distance=217.37, RemCap=223.0

Vehicle 3: Route=[0, 42, 45, 25, 56, 61, 74, 37, 40, 0], Distance=218.90, RemCap=325.0

Vehicle 4: Route=[0, 67, 60, 31, 29, 24, 32, 41, 21, 0], Distance=228.92, RemCap=345.0

Vehicle 5: Route=[0, 69, 58, 36, 51, 52, 46, 0], Distance=166.68, RemCap=401.0

Total vehicle waiting time = 0.00

Total customer waiting time = 47005.42

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Ep 21/50 | Reward 4682.70 | Loss 768040628.90 | Dist 1492.60 | Vehl 6

Vehicle 0: Route=[0, 73, 62, 2, 11, 1, 65, 27, 4, 12, 55, 3, 19, 20, 13, 14, 56, 18, 5, 15, 26, 6, 51, 59, 58, 17, 9, 10, 8, 7, 77, 0], Distance=362.27, RemCap=1.0

Vehicle 1: Route=[0, 68, 21, 32, 41, 34, 16, 33, 74, 53, 79, 44, 36, 40, 64, 0], Distance=269.99, RemCap=219.0

Vehicle 2: Route=[0, 22, 69, 50, 67, 78, 28, 23, 75, 52, 0], Distance=190.25, RemCap=372.0

Vehicle 3: Route=[0, 72, 38, 80, 54, 61, 49, 46, 35, 45, 43, 66, 0], Distance=233.89, RemCap=250.0

Vehicle 4: Route=[0, 42, 70, 57, 76, 47, 25, 31, 48, 37, 0], Distance=228.95, RemCap=348.0

Vehicle 5: Route=[0, 71, 60, 63, 29, 24, 30, 39, 0], Distance=207.24, RemCap=347.0

Total vehicle waiting time = 0.00

Total customer waiting time = 47673.75

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Ep 22/50 | Reward 4450.76 | Loss 710491383.32 | Dist 1575.76 | Vehl 6

Vehicle 0: Route=[0, 47, 75, 58, 42, 1, 11, 2, 62, 9, 10, 7, 8, 24, 29, 6, 26, 35, 51, 15, 5, 60, 18, 14, 13, 20, 16, 19, 3, 4, 12, 27, 0], Distance=396.03, RemCap=1.0

Vehicle 1: Route=[0, 52, 64, 53, 33, 71, 50, 41, 66, 17, 45, 63, 79, 28, 0], Distance=298.59, RemCap=278.0

Vehicle 2: Route=[0, 73, 39, 32, 30, 43, 40, 37, 78, 80, 38, 34, 0], Distance=244.96, RemCap=233.0

Vehicle 3: Route=[0, 68, 48, 49, 76, 54, 67, 55, 72, 22, 59, 0], Distance=180.42, RemCap=301.0

Vehicle 4: Route=[0, 61, 57, 70, 77, 31, 23, 25, 0], Distance=234.63, RemCap=372.0

Vehicle 5: Route=[0, 21, 44, 36, 46, 74, 56, 69, 65, 0], Distance=221.14, RemCap=352.0

Total vehicle waiting time = 9.94

Total customer waiting time = 44506.56

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Ep 23/50 | Reward 4638.87 | Loss 743620926.82 | Dist 1495.55 | Vehl 6

Vehicle 0: Route=[0, 19, 34, 1, 62, 2, 11, 72, 4, 12, 18, 5, 74, 61, 20, 33, 13, 16, 47, 25, 15, 35, 44, 6, 45, 17, 9, 10, 8, 7, 77, 0], Distance=386.64, RemCap=29.0

Vehicle 1: Route=[0, 65, 69, 39, 22, 59, 52, 78, 67, 14, 56, 3, 80, 0], Distance=215.25, RemCap=265.0

Vehicle 2: Route=[0, 40, 31, 37, 48, 53, 60, 50, 70, 38, 55, 0], Distance=214.33, RemCap=282.0

Vehicle 3: Route=[0, 42, 24, 43, 73, 27, 57, 76, 49, 46, 68, 79, 51, 0], Distance=264.55, RemCap=208.0

Vehicle 4: Route=[0, 71, 75, 23, 66, 30, 32, 21, 63, 0], Distance=217.70, RemCap=367.0

Vehicle 5: Route=[0, 41, 54, 64, 28, 26, 36, 58, 29, 0], Distance=197.08, RemCap=386.0

Total vehicle waiting time = 172.68

Total customer waiting time = 49345.10

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Ep 24/50 | Reward 4920.88 | Loss 840456938.26 | Dist 1490.10 | Vehl 6

Vehicle 0: Route=[0, 21, 6, 23, 15, 49, 5, 60, 61, 20, 16, 13, 18, 14, 80, 71, 12, 4, 3, 19, 1, 11, 32, 10, 9, 24, 17, 8, 7, 66, 0], Distance=360.93, RemCap=3.0

Vehicle 1: Route=[0, 22, 2, 39, 69, 27, 70, 38, 57, 76, 63, 51, 44, 64, 0], Distance=242.10, RemCap=227.0

Vehicle 2: Route=[0, 67, 78, 33, 55, 34, 73, 77, 58, 29, 36, 79, 31, 25, 0], Distance=262.53, RemCap=282.0

Vehicle 3: Route=[0, 68, 35, 53, 52, 50, 65, 30, 43, 0], Distance=220.80, RemCap=334.0

Vehicle 4: Route=[0, 59, 41, 72, 54, 47, 40, 26, 37, 48, 28, 0], Distance=217.68, RemCap=313.0

Vehicle 5: Route=[0, 62, 42, 45, 75, 46, 74, 56, 0], Distance=186.06, RemCap=378.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44716.26

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Ep 25/50 | Reward 4322.84 | Loss 616552747.83 | Dist 1391.33 | Vehl 6

Vehicle 0: Route=[0, 21, 6, 31, 15, 48, 5, 60, 78, 74, 54, 13, 20, 16, 19, 14, 18, 55, 12, 4, 3, 34, 69, 2, 10, 9, 8, 43, 7, 77, 0], Distance=345.47, RemCap=18.0

Vehicle 1: Route=[0, 47, 64, 49, 37, 23, 40, 63, 68, 1, 11, 73, 42, 24, 0], Distance=229.29, RemCap=243.0

Vehicle 2: Route=[0, 76, 33, 56, 72, 27, 65, 59, 17, 36, 26, 25, 0], Distance=245.87, RemCap=319.0

Vehicle 3: Route=[0, 45, 35, 29, 66, 30, 32, 62, 39, 70, 38, 0], Distance=209.49, RemCap=318.0

Vehicle 4: Route=[0, 22, 41, 57, 71, 67, 46, 51, 44, 79, 28, 0], Distance=215.06, RemCap=296.0

Vehicle 5: Route=[0, 58, 50, 80, 61, 53, 75, 52, 0], Distance=146.16, RemCap=343.0

Total vehicle waiting time = 172.68

Total customer waiting time = 48143.03

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Ep 26/50 | Reward 4614.90 | Loss 673521520.35 | Dist 1406.31 | Vehl 6

Vehicle 0: Route=[0, 50, 19, 16, 52, 20, 76, 60, 5, 37, 35, 44, 6, 17, 7, 8, 9, 10, 62, 11, 1, 3, 4, 12, 55, 71, 14, 18, 33, 13, 54, 0], Distance=341.39, RemCap=6.0

Vehicle 1: Route=[0, 21, 63, 26, 53, 80, 57, 38, 2, 73, 43, 66, 58, 0], Distance=266.64, RemCap=256.0

Vehicle 2: Route=[0, 72, 65, 27, 70, 56, 49, 46, 47, 15, 40, 68, 29, 0], Distance=253.74, RemCap=254.0

Vehicle 3: Route=[0, 45, 75, 28, 64, 74, 41, 69, 39, 22, 0], Distance=154.88, RemCap=338.0

Vehicle 4: Route=[0, 59, 42, 34, 67, 61, 23, 31, 36, 24, 30, 32, 0], Distance=209.63, RemCap=307.0

Vehicle 5: Route=[0, 77, 79, 51, 25, 48, 78, 0], Distance=180.04, RemCap=376.0

Total vehicle waiting time = 173.26

Total customer waiting time = 48926.58

--------------------------------------------------

Ep 27/50 | Reward 5011.42 | Loss 863475469.47 | Dist 1493.50 | Vehl 6

Vehicle 0: Route=[0, 19, 16, 20, 13, 33, 14, 18, 5, 76, 78, 15, 44, 36, 6, 40, 63, 42, 17, 7, 8, 9, 10, 22, 2, 11, 69, 1, 65, 3, 4, 12, 55, 71, 0], Distance=366.20, RemCap=3.0

Vehicle 1: Route=[0, 52, 26, 28, 74, 49, 60, 54, 67, 38, 50, 73, 32, 0], Distance=251.17, RemCap=264.0

Vehicle 2: Route=[0, 21, 24, 77, 35, 23, 37, 56, 80, 72, 39, 62, 0], Distance=262.51, RemCap=267.0

Vehicle 3: Route=[0, 34, 70, 41, 43, 59, 25, 51, 53, 47, 0], Distance=214.44, RemCap=344.0

Vehicle 4: Route=[0, 27, 45, 46, 61, 64, 31, 79, 30, 66, 0], Distance=249.72, RemCap=291.0

Vehicle 5: Route=[0, 57, 48, 75, 68, 29, 58, 0], Distance=149.45, RemCap=368.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42007.31

--------------------------------------------------

Ep 28/50 | Reward 5277.70 | Loss 980268296.27 | Dist 1555.91 | Vehl 6

Vehicle 0: Route=[0, 34, 19, 67, 13, 16, 20, 54, 5, 18, 14, 80, 57, 3, 4, 12, 70, 69, 2, 11, 1, 10, 9, 8, 7, 17, 6, 23, 37, 15, 28, 46, 45, 0], Distance=384.06, RemCap=0.0

Vehicle 1: Route=[0, 52, 76, 49, 51, 40, 79, 44, 43, 62, 65, 71, 50, 73, 0], Distance=272.50, RemCap=204.0

Vehicle 2: Route=[0, 68, 58, 24, 66, 39, 72, 33, 74, 78, 36, 29, 21, 0], Distance=239.08, RemCap=286.0

Vehicle 3: Route=[0, 59, 32, 77, 35, 25, 48, 61, 0], Distance=177.39, RemCap=366.0

Vehicle 4: Route=[0, 22, 30, 31, 63, 47, 75, 64, 53, 60, 55, 0], Distance=257.07, RemCap=305.0

Vehicle 5: Route=[0, 26, 42, 41, 27, 56, 38, 0], Distance=225.81, RemCap=376.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41735.27

--------------------------------------------------

Ep 29/50 | Reward 4929.55 | Loss 842787724.47 | Dist 1608.20 | Vehl 6

Vehicle 0: Route=[0, 68, 46, 20, 16, 50, 19, 3, 4, 12, 56, 18, 14, 13, 5, 15, 51, 6, 17, 24, 8, 7, 30, 9, 22, 2, 11, 1, 72, 0], Distance=348.64, RemCap=10.0

Vehicle 1: Route=[0, 67, 76, 61, 60, 33, 80, 55, 62, 10, 77, 42, 40, 64, 0], Distance=290.07, RemCap=239.0

Vehicle 2: Route=[0, 21, 43, 32, 73, 34, 70, 38, 52, 74, 31, 28, 0], Distance=254.54, RemCap=319.0

Vehicle 3: Route=[0, 65, 57, 78, 37, 35, 44, 36, 63, 59, 58, 29, 0], Distance=231.52, RemCap=316.0

Vehicle 4: Route=[0, 39, 71, 54, 48, 23, 26, 66, 25, 47, 0], Distance=265.43, RemCap=344.0

Vehicle 5: Route=[0, 27, 41, 69, 45, 79, 53, 49, 75, 0], Distance=218.01, RemCap=309.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43322.30

--------------------------------------------------

Ep 30/50 | Reward 4927.76 | Loss 815242742.74 | Dist 1468.19 | Vehl 6

Vehicle 0: Route=[0, 16, 20, 13, 67, 19, 34, 72, 27, 2, 11, 1, 42, 9, 10, 8, 7, 17, 44, 79, 35, 6, 40, 15, 5, 18, 14, 3, 4, 12, 38, 0], Distance=365.54, RemCap=9.0

Vehicle 1: Route=[0, 47, 33, 61, 48, 37, 23, 51, 25, 45, 29, 59, 73, 69, 62, 0], Distance=230.41, RemCap=224.0

Vehicle 2: Route=[0, 71, 56, 54, 60, 78, 74, 64, 31, 68, 58, 30, 39, 22, 0], Distance=276.48, RemCap=234.0

Vehicle 3: Route=[0, 63, 26, 75, 76, 50, 70, 41, 43, 66, 77, 0], Distance=250.54, RemCap=341.0

Vehicle 4: Route=[0, 28, 53, 49, 46, 80, 57, 55, 65, 24, 0], Distance=202.73, RemCap=301.0

Vehicle 5: Route=[0, 52, 36, 21, 32, 0], Distance=142.49, RemCap=428.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46104.32

--------------------------------------------------

Ep 31/50 | Reward 5327.75 | Loss 919440668.06 | Dist 1502.23 | Vehl 6

Vehicle 0: Route=[0, 16, 19, 13, 33, 18, 14, 80, 12, 4, 3, 34, 1, 11, 2, 62, 22, 9, 10, 32, 30, 7, 8, 17, 58, 63, 6, 15, 37, 5, 74, 78, 0], Distance=342.28, RemCap=6.0

Vehicle 1: Route=[0, 68, 52, 20, 60, 49, 64, 28, 25, 79, 43, 69, 38, 50, 0], Distance=263.89, RemCap=246.0

Vehicle 2: Route=[0, 56, 70, 72, 39, 66, 24, 59, 51, 36, 44, 23, 0], Distance=265.96, RemCap=293.0

Vehicle 3: Route=[0, 47, 29, 77, 42, 27, 57, 71, 67, 76, 54, 0], Distance=216.58, RemCap=310.0

Vehicle 4: Route=[0, 73, 41, 61, 75, 35, 26, 40, 21, 45, 0], Distance=191.77, RemCap=300.0

Vehicle 5: Route=[0, 65, 55, 46, 53, 31, 48, 0], Distance=221.74, RemCap=382.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42750.19

--------------------------------------------------

Ep 32/50 | Reward 4977.93 | Loss 810530384.20 | Dist 1539.08 | Vehl 6

Vehicle 0: Route=[0, 42, 47, 64, 15, 6, 17, 7, 8, 9, 10, 2, 11, 1, 3, 4, 12, 55, 80, 67, 19, 16, 20, 13, 14, 56, 18, 60, 5, 61, 0], Distance=369.10, RemCap=2.0

Vehicle 1: Route=[0, 33, 48, 28, 79, 40, 25, 68, 59, 24, 43, 22, 50, 0], Distance=239.08, RemCap=256.0

Vehicle 2: Route=[0, 53, 36, 66, 32, 34, 72, 38, 70, 27, 41, 39, 0], Distance=268.89, RemCap=289.0

Vehicle 3: Route=[0, 73, 65, 30, 77, 21, 26, 35, 75, 74, 78, 76, 0], Distance=219.82, RemCap=313.0

Vehicle 4: Route=[0, 46, 71, 57, 62, 58, 45, 63, 51, 44, 31, 0], Distance=225.68, RemCap=315.0

Vehicle 5: Route=[0, 69, 29, 52, 54, 49, 37, 23, 0], Distance=216.51, RemCap=362.0

Total vehicle waiting time = 10.61

Total customer waiting time = 43081.61

--------------------------------------------------

Ep 33/50 | Reward 5695.45 | Loss 1097964123.82 | Dist 1522.18 | Vehl 6

Vehicle 0: Route=[0, 16, 19, 67, 3, 4, 12, 80, 14, 18, 33, 13, 20, 52, 74, 5, 37, 15, 6, 44, 17, 7, 30, 8, 9, 10, 2, 11, 1, 34, 72, 70, 0], Distance=385.93, RemCap=4.0

Vehicle 1: Route=[0, 68, 58, 43, 77, 22, 57, 55, 56, 28, 40, 31, 79, 36, 0], Distance=271.89, RemCap=224.0

Vehicle 2: Route=[0, 21, 66, 73, 62, 69, 27, 50, 54, 61, 49, 25, 46, 0], Distance=227.81, RemCap=241.0

Vehicle 3: Route=[0, 71, 38, 41, 32, 24, 51, 75, 64, 48, 60, 0], Distance=233.52, RemCap=282.0

Vehicle 4: Route=[0, 65, 42, 59, 45, 78, 23, 63, 0], Distance=182.67, RemCap=409.0

Vehicle 5: Route=[0, 39, 76, 53, 47, 29, 35, 26, 0], Distance=220.37, RemCap=377.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40335.99

--------------------------------------------------

Ep 34/50 | Reward 5170.04 | Loss 881564908.38 | Dist 1484.37 | Vehl 6

Vehicle 0: Route=[0, 59, 1, 11, 2, 69, 65, 41, 72, 4, 12, 71, 57, 3, 50, 19, 13, 14, 18, 5, 78, 76, 20, 16, 52, 15, 6, 17, 9, 10, 8, 7, 66, 0], Distance=380.02, RemCap=9.0

Vehicle 1: Route=[0, 54, 33, 60, 53, 74, 75, 28, 51, 32, 44, 35, 26, 0], Distance=255.70, RemCap=279.0

Vehicle 2: Route=[0, 56, 27, 39, 30, 68, 21, 29, 40, 36, 23, 63, 0], Distance=262.15, RemCap=253.0

Vehicle 3: Route=[0, 42, 62, 77, 79, 31, 37, 49, 61, 80, 64, 0], Distance=284.11, RemCap=277.0

Vehicle 4: Route=[0, 45, 25, 48, 47, 46, 67, 70, 34, 0], Distance=151.96, RemCap=368.0

Vehicle 5: Route=[0, 58, 24, 43, 73, 22, 38, 55, 0], Distance=150.44, RemCap=351.0

Total vehicle waiting time = 10.61

Total customer waiting time = 42691.02

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Ep 35/50 | Reward 4823.24 | Loss 747141842.16 | Dist 1551.15 | Vehl 6

Vehicle 0: Route=[0, 17, 77, 7, 8, 9, 10, 32, 2, 11, 39, 1, 65, 72, 3, 4, 12, 55, 18, 14, 13, 19, 16, 20, 78, 5, 28, 15, 35, 26, 44, 6, 25, 0], Distance=344.04, RemCap=17.0

Vehicle 1: Route=[0, 54, 33, 80, 71, 69, 42, 43, 21, 36, 31, 48, 60, 0], Distance=275.08, RemCap=263.0

Vehicle 2: Route=[0, 68, 59, 58, 66, 22, 34, 67, 37, 63, 51, 79, 0], Distance=266.77, RemCap=303.0

Vehicle 3: Route=[0, 50, 70, 41, 29, 23, 49, 74, 61, 76, 56, 0], Distance=238.25, RemCap=289.0

Vehicle 4: Route=[0, 73, 62, 30, 45, 52, 75, 53, 57, 0], Distance=219.77, RemCap=320.0

Vehicle 5: Route=[0, 24, 40, 64, 47, 46, 38, 27, 0], Distance=207.24, RemCap=345.0

Total vehicle waiting time = 98.36

Total customer waiting time = 46549.30

--------------------------------------------------

Ep 36/50 | Reward 5233.11 | Loss 922603322.72 | Dist 1450.84 | Vehl 6

Vehicle 0: Route=[0, 50, 19, 16, 20, 13, 14, 18, 60, 5, 48, 15, 75, 51, 31, 36, 6, 17, 7, 8, 9, 10, 2, 11, 39, 1, 3, 4, 12, 71, 0], Distance=338.78, RemCap=3.0

Vehicle 1: Route=[0, 34, 65, 62, 69, 41, 70, 55, 80, 56, 33, 61, 28, 47, 21, 43, 0], Distance=242.58, RemCap=196.0

Vehicle 2: Route=[0, 68, 73, 24, 29, 40, 79, 26, 64, 49, 46, 52, 67, 0], Distance=198.97, RemCap=253.0

Vehicle 3: Route=[0, 45, 66, 30, 22, 38, 76, 78, 44, 35, 0], Distance=261.02, RemCap=347.0

Vehicle 4: Route=[0, 72, 32, 77, 58, 63, 25, 54, 53, 23, 37, 0], Distance=272.37, RemCap=337.0

Vehicle 5: Route=[0, 74, 57, 27, 42, 59, 0], Distance=137.12, RemCap=401.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39839.51

--------------------------------------------------

Ep 37/50 | Reward 5000.19 | Loss 872408825.27 | Dist 1537.44 | Vehl 6

Vehicle 0: Route=[0, 19, 20, 13, 18, 14, 57, 55, 12, 4, 3, 1, 11, 2, 10, 9, 8, 7, 17, 63, 6, 44, 79, 37, 48, 5, 78, 74, 15, 75, 42, 0], Distance=390.25, RemCap=3.0

Vehicle 1: Route=[0, 59, 21, 58, 77, 22, 41, 70, 80, 67, 16, 52, 64, 28, 26, 23, 0], Distance=257.26, RemCap=275.0

Vehicle 2: Route=[0, 50, 65, 43, 31, 47, 46, 76, 54, 71, 0], Distance=228.83, RemCap=334.0

Vehicle 3: Route=[0, 66, 73, 69, 72, 38, 56, 49, 53, 51, 33, 0], Distance=275.64, RemCap=267.0

Vehicle 4: Route=[0, 27, 62, 30, 45, 40, 36, 35, 60, 61, 0], Distance=232.74, RemCap=287.0

Vehicle 5: Route=[0, 34, 39, 32, 24, 68, 25, 29, 0], Distance=152.71, RemCap=371.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44764.51

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Ep 38/50 | Reward 4584.42 | Loss 729424963.50 | Dist 1419.53 | Vehl 6

Vehicle 0: Route=[0, 42, 9, 10, 30, 7, 8, 17, 6, 44, 23, 37, 15, 16, 19, 67, 13, 76, 61, 5, 18, 14, 12, 4, 72, 27, 1, 11, 2, 62, 0], Distance=366.76, RemCap=27.0

Vehicle 1: Route=[0, 68, 43, 79, 26, 25, 75, 46, 54, 56, 3, 69, 22, 39, 0], Distance=262.03, RemCap=231.0

Vehicle 2: Route=[0, 58, 32, 73, 70, 20, 64, 53, 49, 78, 74, 0], Distance=194.53, RemCap=323.0

Vehicle 3: Route=[0, 59, 66, 77, 29, 45, 60, 33, 38, 57, 0], Distance=188.02, RemCap=305.0

Vehicle 4: Route=[0, 52, 48, 28, 51, 63, 24, 41, 34, 55, 80, 50, 0], Distance=209.45, RemCap=286.0

Vehicle 5: Route=[0, 71, 65, 21, 47, 31, 35, 36, 40, 0], Distance=198.74, RemCap=365.0

Total vehicle waiting time = 211.66

Total customer waiting time = 48286.73

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Ep 39/50 | Reward 4938.89 | Loss 789238100.66 | Dist 1475.25 | Vehl 6

Vehicle 0: Route=[0, 16, 20, 13, 67, 19, 3, 4, 12, 14, 18, 76, 61, 5, 48, 15, 26, 79, 6, 25, 63, 45, 17, 7, 10, 9, 1, 27, 2, 11, 69, 0], Distance=363.35, RemCap=8.0

Vehicle 1: Route=[0, 58, 29, 8, 72, 70, 38, 55, 71, 46, 74, 60, 53, 31, 44, 36, 0], Distance=278.03, RemCap=271.0

Vehicle 2: Route=[0, 50, 22, 73, 68, 47, 75, 28, 64, 54, 33, 80, 56, 0], Distance=201.34, RemCap=253.0

Vehicle 3: Route=[0, 59, 32, 66, 24, 40, 51, 78, 34, 65, 39, 0], Distance=223.31, RemCap=291.0

Vehicle 4: Route=[0, 52, 23, 35, 21, 30, 41, 57, 0], Distance=210.00, RemCap=348.0

Vehicle 5: Route=[0, 42, 62, 77, 43, 37, 49, 0], Distance=199.23, RemCap=366.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45636.47

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Ep 40/50 | Reward 4907.59 | Loss 798559823.51 | Dist 1474.85 | Vehl 6

Vehicle 0: Route=[0, 16, 19, 1, 39, 11, 62, 2, 69, 3, 12, 14, 18, 33, 13, 20, 5, 48, 15, 26, 6, 17, 24, 9, 10, 8, 7, 77, 66, 43, 0], Distance=339.97, RemCap=10.0

Vehicle 1: Route=[0, 65, 41, 70, 4, 57, 52, 53, 64, 51, 36, 44, 35, 23, 0], Distance=227.28, RemCap=270.0

Vehicle 2: Route=[0, 50, 73, 27, 55, 56, 61, 46, 68, 29, 25, 37, 40, 0], Distance=272.76, RemCap=223.0

Vehicle 3: Route=[0, 71, 22, 30, 42, 21, 79, 28, 60, 0], Distance=268.38, RemCap=343.0

Vehicle 4: Route=[0, 59, 32, 38, 80, 67, 54, 78, 31, 63, 47, 0], Distance=228.75, RemCap=344.0

Vehicle 5: Route=[0, 34, 72, 58, 45, 75, 74, 49, 76, 0], Distance=137.71, RemCap=347.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46713.59

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Ep 41/50 | Reward 4607.50 | Loss 661364384.81 | Dist 1576.85 | Vehl 6

Vehicle 0: Route=[0, 73, 2, 11, 41, 12, 38, 3, 19, 13, 14, 18, 33, 54, 20, 5, 75, 28, 15, 79, 6, 40, 17, 42, 9, 10, 8, 7, 30, 32, 0], Distance=380.48, RemCap=12.0

Vehicle 1: Route=[0, 16, 80, 55, 4, 1, 39, 22, 59, 58, 45, 47, 25, 31, 23, 0], Distance=218.90, RemCap=253.0

Vehicle 2: Route=[0, 50, 69, 70, 56, 63, 36, 66, 77, 0], Distance=250.29, RemCap=374.0

Vehicle 3: Route=[0, 68, 35, 29, 21, 62, 34, 71, 46, 52, 0], Distance=216.35, RemCap=365.0

Vehicle 4: Route=[0, 57, 27, 72, 24, 26, 51, 76, 78, 49, 60, 0], Distance=245.07, RemCap=263.0

Vehicle 5: Route=[0, 43, 65, 67, 61, 74, 64, 44, 37, 48, 53, 0], Distance=265.76, RemCap=270.0

Total vehicle waiting time = 183.22

Total customer waiting time = 50129.64

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Ep 42/50 | Reward 5234.65 | Loss 889954297.52 | Dist 1529.11 | Vehl 6

Vehicle 0: Route=[0, 45, 59, 50, 1, 11, 2, 9, 10, 30, 7, 8, 17, 36, 6, 15, 75, 61, 78, 5, 18, 14, 12, 4, 3, 19, 16, 13, 54, 20, 52, 0], Distance=358.83, RemCap=2.0

Vehicle 1: Route=[0, 34, 69, 62, 42, 63, 44, 26, 28, 64, 76, 33, 56, 70, 57, 0], Distance=279.03, RemCap=274.0

Vehicle 2: Route=[0, 21, 29, 77, 43, 39, 55, 49, 53, 35, 79, 23, 0], Distance=270.19, RemCap=240.0

Vehicle 3: Route=[0, 32, 22, 65, 27, 71, 80, 67, 74, 48, 46, 0], Distance=196.75, RemCap=307.0

Vehicle 4: Route=[0, 38, 72, 73, 68, 47, 37, 31, 40, 24, 0], Distance=230.45, RemCap=323.0

Vehicle 5: Route=[0, 60, 25, 51, 58, 66, 41, 0], Distance=193.87, RemCap=391.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45257.30

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Ep 43/50 | Reward 4569.69 | Loss 708365952.97 | Dist 1588.46 | Vehl 6

Vehicle 0: Route=[0, 65, 11, 2, 22, 73, 9, 10, 30, 7, 8, 17, 29, 63, 6, 79, 15, 75, 5, 46, 20, 16, 19, 67, 13, 18, 57, 3, 4, 12, 55, 0], Distance=368.59, RemCap=2.0

Vehicle 1: Route=[0, 52, 58, 36, 23, 64, 53, 60, 14, 71, 34, 1, 62, 41, 0], Distance=251.05, RemCap=271.0

Vehicle 2: Route=[0, 72, 38, 33, 54, 61, 47, 28, 48, 26, 66, 0], Distance=240.74, RemCap=300.0

Vehicle 3: Route=[0, 68, 45, 59, 43, 32, 39, 70, 76, 74, 31, 0], Distance=239.19, RemCap=329.0

Vehicle 4: Route=[0, 78, 49, 35, 44, 51, 21, 77, 69, 27, 42, 0], Distance=251.42, RemCap=295.0

Vehicle 5: Route=[0, 50, 80, 56, 37, 25, 24, 40, 0], Distance=237.47, RemCap=340.0

Total vehicle waiting time = 172.68

Total customer waiting time = 48073.26

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Ep 44/50 | Reward 4635.21 | Loss 659404895.69 | Dist 1458.66 | Vehl 6

Vehicle 0: Route=[0, 1, 39, 11, 2, 10, 9, 8, 7, 77, 66, 17, 36, 15, 37, 48, 5, 18, 56, 14, 38, 12, 4, 3, 13, 19, 16, 20, 47, 46, 0], Distance=343.20, RemCap=2.0

Vehicle 1: Route=[0, 30, 22, 62, 65, 41, 34, 33, 76, 74, 75, 6, 44, 23, 0], Distance=244.50, RemCap=265.0

Vehicle 2: Route=[0, 67, 54, 64, 31, 45, 21, 32, 73, 27, 71, 55, 0], Distance=246.16, RemCap=281.0

Vehicle 3: Route=[0, 72, 70, 52, 61, 78, 49, 53, 51, 79, 40, 0], Distance=201.17, RemCap=262.0

Vehicle 4: Route=[0, 50, 42, 68, 29, 63, 35, 60, 28, 0], Distance=190.15, RemCap=386.0

Vehicle 5: Route=[0, 80, 57, 69, 59, 25, 26, 58, 24, 43, 0], Distance=233.49, RemCap=341.0

Total vehicle waiting time = 147.41

Total customer waiting time = 47680.94

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Ep 45/50 | Reward 4681.38 | Loss 761912542.23 | Dist 1585.35 | Vehl 6

Vehicle 0: Route=[0, 73, 34, 70, 1, 11, 2, 10, 9, 8, 7, 17, 29, 68, 6, 15, 78, 49, 5, 60, 18, 14, 80, 12, 4, 3, 19, 67, 13, 20, 16, 52, 0], Distance=376.31, RemCap=4.0

Vehicle 1: Route=[0, 59, 43, 22, 41, 57, 38, 71, 33, 74, 28, 63, 40, 26, 35, 0], Distance=258.62, RemCap=251.0

Vehicle 2: Route=[0, 47, 75, 48, 46, 54, 55, 27, 30, 24, 44, 0], Distance=268.42, RemCap=272.0

Vehicle 3: Route=[0, 64, 31, 25, 21, 42, 72, 65, 77, 66, 0], Distance=221.58, RemCap=366.0

Vehicle 4: Route=[0, 50, 69, 62, 45, 36, 23, 53, 76, 56, 0], Distance=236.38, RemCap=345.0

Vehicle 5: Route=[0, 61, 37, 79, 51, 58, 39, 32, 0], Distance=224.04, RemCap=299.0

Total vehicle waiting time = 98.52

Total customer waiting time = 45769.90

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Ep 46/50 | Reward 5073.17 | Loss 879404917.50 | Dist 1567.32 | Vehl 6

Vehicle 0: Route=[0, 42, 1, 41, 11, 2, 22, 10, 9, 8, 7, 17, 6, 31, 15, 5, 60, 18, 56, 14, 55, 12, 4, 3, 72, 19, 16, 13, 54, 20, 47, 0], Distance=350.96, RemCap=6.0

Vehicle 1: Route=[0, 52, 76, 78, 28, 26, 35, 25, 59, 30, 73, 62, 38, 0], Distance=266.76, RemCap=346.0

Vehicle 2: Route=[0, 50, 34, 66, 58, 63, 36, 79, 51, 46, 48, 53, 49, 0], Distance=234.63, RemCap=241.0

Vehicle 3: Route=[0, 67, 74, 64, 75, 40, 32, 65, 27, 57, 71, 70, 0], Distance=255.68, RemCap=283.0

Vehicle 4: Route=[0, 68, 45, 44, 37, 61, 39, 24, 43, 0], Distance=231.33, RemCap=289.0

Vehicle 5: Route=[0, 33, 80, 69, 77, 21, 29, 23, 0], Distance=227.95, RemCap=372.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41425.32

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Ep 47/50 | Reward 4762.32 | Loss 747627732.31 | Dist 1508.46 | Vehl 6

Vehicle 0: Route=[0, 1, 11, 2, 9, 10, 30, 7, 8, 17, 59, 6, 15, 5, 78, 61, 74, 47, 20, 16, 19, 67, 13, 33, 18, 14, 80, 3, 4, 12, 38, 0], Distance=361.51, RemCap=7.0

Vehicle 1: Route=[0, 55, 57, 52, 48, 37, 36, 66, 43, 32, 39, 24, 0], Distance=272.89, RemCap=238.0

Vehicle 2: Route=[0, 71, 72, 65, 62, 73, 58, 21, 29, 51, 35, 28, 53, 54, 0], Distance=242.58, RemCap=279.0

Vehicle 3: Route=[0, 34, 42, 77, 45, 68, 49, 64, 25, 26, 79, 44, 0], Distance=235.31, RemCap=294.0

Vehicle 4: Route=[0, 50, 27, 70, 56, 76, 23, 31, 63, 75, 0], Distance=204.32, RemCap=346.0

Vehicle 5: Route=[0, 41, 69, 22, 40, 60, 46, 0], Distance=191.86, RemCap=373.0

Total vehicle waiting time = 160.97

Total customer waiting time = 46377.95

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Ep 48/50 | Reward 5085.25 | Loss 835575649.53 | Dist 1466.31 | Vehl 6

Vehicle 0: Route=[0, 34, 3, 4, 12, 38, 80, 14, 18, 13, 19, 16, 20, 60, 5, 15, 26, 44, 6, 51, 17, 7, 30, 8, 9, 10, 32, 2, 11, 1, 42, 0], Distance=356.00, RemCap=1.0

Vehicle 1: Route=[0, 73, 65, 41, 27, 57, 56, 33, 54, 78, 53, 35, 79, 77, 47, 45, 0], Distance=298.82, RemCap=149.0

Vehicle 2: Route=[0, 52, 64, 61, 71, 55, 50, 39, 22, 24, 36, 66, 43, 0], Distance=287.75, RemCap=238.0

Vehicle 3: Route=[0, 72, 69, 68, 46, 74, 48, 37, 23, 31, 25, 29, 0], Distance=209.99, RemCap=340.0

Vehicle 4: Route=[0, 59, 58, 40, 63, 67, 70, 0], Distance=160.12, RemCap=415.0

Vehicle 5: Route=[0, 62, 21, 75, 28, 49, 76, 0], Distance=153.63, RemCap=394.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43363.15

--------------------------------------------------

Ep 49/50 | Reward 4917.45 | Loss 819924096.25 | Dist 1454.23 | Vehl 6

Vehicle 0: Route=[0, 19, 34, 3, 4, 12, 80, 56, 18, 13, 16, 52, 20, 5, 15, 25, 6, 44, 17, 66, 7, 8, 9, 10, 22, 62, 2, 11, 39, 1, 41, 0], Distance=355.75, RemCap=15.0

Vehicle 1: Route=[0, 70, 69, 73, 21, 29, 63, 40, 74, 78, 33, 14, 55, 57, 0], Distance=252.30, RemCap=256.0

Vehicle 2: Route=[0, 68, 58, 43, 45, 31, 26, 79, 48, 53, 61, 76, 54, 0], Distance=190.64, RemCap=244.0

Vehicle 3: Route=[0, 67, 71, 72, 65, 42, 32, 36, 23, 46, 0], Distance=223.36, RemCap=372.0

Vehicle 4: Route=[0, 47, 75, 35, 60, 38, 27, 30, 24, 50, 0], Distance=254.97, RemCap=296.0

Vehicle 5: Route=[0, 59, 77, 51, 28, 64, 49, 37, 0], Distance=177.22, RemCap=354.0

Total vehicle waiting time = 9.94

Total customer waiting time = 46428.52

--------------------------------------------------

Ep 50/50 | Reward 4843.10 | Loss 810887738.03 | Dist 1448.64 | Vehl 6

Vehicle 0: Route=[0, 68, 59, 42, 17, 7, 8, 9, 10, 2, 11, 1, 41, 72, 3, 4, 12, 71, 14, 18, 54, 13, 19, 16, 20, 75, 51, 6, 15, 37, 60, 74, 0], Distance=375.61, RemCap=4.0

Vehicle 1: Route=[0, 63, 25, 40, 44, 35, 5, 33, 67, 34, 22, 39, 27, 70, 0], Distance=239.92, RemCap=261.0

Vehicle 2: Route=[0, 52, 57, 62, 43, 58, 36, 79, 53, 76, 49, 0], Distance=266.50, RemCap=278.0

Vehicle 3: Route=[0, 73, 66, 29, 31, 26, 23, 28, 48, 78, 56, 38, 0], Distance=233.17, RemCap=325.0

Vehicle 4: Route=[0, 21, 47, 64, 61, 55, 50, 69, 65, 0], Distance=177.36, RemCap=319.0

Vehicle 5: Route=[0, 80, 46, 45, 24, 32, 77, 30, 0], Distance=156.08, RemCap=350.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44350.52

--------------------------------------------------

--- Training with max\_vehicles = 7 ---

Ep 1/50 | Reward 5289.02 | Loss 998976385.92 | Dist 1580.07 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 20, 13, 18, 14, 80, 3, 4, 12, 27, 1, 11, 2, 9, 10, 32, 7, 8, 24, 17, 58, 63, 6, 36, 44, 15, 37, 53, 5, 76, 0], Distance=359.30, RemCap=9.0

Vehicle 1: Route=[0, 68, 59, 77, 21, 45, 26, 35, 64, 52, 67, 56, 50, 0], Distance=238.54, RemCap=276.0

Vehicle 2: Route=[0, 40, 28, 48, 55, 38, 34, 69, 62, 39, 0], Distance=209.12, RemCap=318.0

Vehicle 3: Route=[0, 46, 25, 51, 79, 30, 73, 22, 70, 41, 0], Distance=228.90, RemCap=322.0

Vehicle 4: Route=[0, 66, 23, 49, 33, 57, 65, 0], Distance=218.43, RemCap=352.0

Vehicle 5: Route=[0, 72, 42, 43, 29, 75, 61, 47, 0], Distance=162.34, RemCap=353.0

Vehicle 6: Route=[0, 31, 74, 78, 60, 54, 71, 0], Distance=163.43, RemCap=407.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38925.22

--------------------------------------------------

Ep 2/50 | Reward 4879.93 | Loss 867680704.56 | Dist 1683.84 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 13, 14, 18, 12, 4, 3, 19, 34, 1, 11, 2, 10, 30, 7, 8, 9, 42, 59, 58, 17, 6, 44, 26, 35, 25, 28, 15, 5, 60, 61, 0], Distance=371.35, RemCap=10.0

Vehicle 1: Route=[0, 21, 75, 31, 43, 73, 62, 65, 50, 71, 80, 49, 54, 67, 0], Distance=283.88, RemCap=228.0

Vehicle 2: Route=[0, 66, 40, 36, 23, 63, 47, 33, 37, 53, 0], Distance=249.58, RemCap=339.0

Vehicle 3: Route=[0, 22, 32, 79, 48, 78, 38, 55, 0], Distance=237.68, RemCap=349.0

Vehicle 4: Route=[0, 69, 77, 45, 46, 76, 56, 57, 0], Distance=210.82, RemCap=345.0

Vehicle 5: Route=[0, 70, 41, 24, 68, 64, 52, 0], Distance=162.87, RemCap=407.0

Vehicle 6: Route=[0, 74, 51, 29, 39, 27, 72, 0], Distance=167.66, RemCap=359.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42036.31

--------------------------------------------------

Ep 3/50 | Reward 5284.28 | Loss 1041726539.00 | Dist 1564.18 | Vehl 7

Vehicle 0: Route=[0, 16, 19, 13, 33, 18, 14, 57, 12, 4, 3, 1, 11, 2, 42, 9, 10, 32, 30, 7, 8, 17, 40, 6, 44, 31, 23, 15, 28, 5, 75, 0], Distance=347.77, RemCap=6.0

Vehicle 1: Route=[0, 59, 29, 47, 52, 20, 67, 80, 38, 72, 27, 65, 22, 69, 0], Distance=181.32, RemCap=275.0

Vehicle 2: Route=[0, 50, 41, 55, 60, 53, 26, 25, 58, 77, 73, 0], Distance=268.70, RemCap=311.0

Vehicle 3: Route=[0, 34, 66, 21, 68, 74, 64, 48, 35, 79, 0], Distance=216.93, RemCap=332.0

Vehicle 4: Route=[0, 39, 71, 56, 61, 49, 37, 63, 45, 0], Distance=192.49, RemCap=278.0

Vehicle 5: Route=[0, 54, 46, 36, 62, 70, 0], Distance=203.11, RemCap=435.0

Vehicle 6: Route=[0, 24, 43, 76, 78, 51, 0], Distance=153.87, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39556.74

--------------------------------------------------

Ep 4/50 | Reward 5032.49 | Loss 892850253.67 | Dist 1610.10 | Vehl 7

Vehicle 0: Route=[0, 9, 10, 8, 7, 17, 63, 6, 26, 23, 15, 64, 49, 5, 60, 18, 56, 14, 3, 4, 12, 27, 2, 11, 1, 19, 16, 20, 13, 54, 0], Distance=350.67, RemCap=3.0

Vehicle 1: Route=[0, 30, 45, 47, 75, 36, 35, 31, 37, 53, 78, 67, 33, 76, 0], Distance=248.36, RemCap=272.0

Vehicle 2: Route=[0, 59, 32, 44, 51, 48, 55, 65, 39, 62, 22, 0], Distance=256.18, RemCap=279.0

Vehicle 3: Route=[0, 25, 61, 80, 50, 34, 41, 69, 24, 66, 0], Distance=207.79, RemCap=331.0

Vehicle 4: Route=[0, 38, 73, 42, 43, 29, 28, 68, 0], Distance=178.19, RemCap=389.0

Vehicle 5: Route=[0, 70, 52, 21, 77, 79, 40, 0], Distance=216.81, RemCap=373.0

Vehicle 6: Route=[0, 58, 46, 74, 72, 57, 71, 0], Distance=152.10, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43612.86

--------------------------------------------------

Ep 5/50 | Reward 5087.39 | Loss 893922696.32 | Dist 1614.45 | Vehl 7

Vehicle 0: Route=[0, 42, 2, 11, 1, 3, 4, 12, 57, 19, 16, 20, 13, 14, 18, 54, 76, 5, 49, 15, 31, 26, 36, 6, 63, 17, 9, 10, 8, 7, 30, 0], Distance=362.27, RemCap=18.0

Vehicle 1: Route=[0, 32, 39, 69, 41, 70, 72, 50, 61, 48, 25, 35, 79, 40, 0], Distance=252.50, RemCap=217.0

Vehicle 2: Route=[0, 65, 43, 24, 59, 75, 46, 78, 67, 33, 0], Distance=196.58, RemCap=332.0

Vehicle 3: Route=[0, 22, 34, 38, 60, 53, 74, 64, 28, 52, 47, 0], Distance=198.96, RemCap=325.0

Vehicle 4: Route=[0, 56, 27, 66, 21, 29, 23, 37, 45, 0], Distance=269.05, RemCap=327.0

Vehicle 5: Route=[0, 71, 55, 62, 44, 51, 0], Distance=199.98, RemCap=410.0

Vehicle 6: Route=[0, 68, 58, 77, 73, 80, 0], Distance=135.11, RemCap=408.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43602.61

--------------------------------------------------

Ep 6/50 | Reward 4825.51 | Loss 821106404.01 | Dist 1633.65 | Vehl 7

Vehicle 0: Route=[0, 34, 19, 16, 13, 20, 46, 5, 60, 18, 56, 14, 12, 4, 3, 65, 2, 11, 1, 73, 42, 9, 10, 8, 43, 7, 17, 6, 23, 15, 28, 0], Distance=356.50, RemCap=14.0

Vehicle 1: Route=[0, 75, 25, 35, 79, 58, 59, 30, 41, 70, 33, 54, 0], Distance=246.39, RemCap=307.0

Vehicle 2: Route=[0, 27, 52, 61, 74, 64, 45, 21, 40, 36, 31, 26, 0], Distance=220.52, RemCap=276.0

Vehicle 3: Route=[0, 24, 69, 38, 76, 49, 47, 63, 68, 0], Distance=195.09, RemCap=359.0

Vehicle 4: Route=[0, 67, 80, 57, 62, 22, 32, 29, 77, 0], Distance=189.94, RemCap=341.0

Vehicle 5: Route=[0, 50, 72, 78, 53, 48, 66, 44, 0], Distance=241.56, RemCap=365.0

Vehicle 6: Route=[0, 39, 55, 71, 37, 51, 0], Distance=183.65, RemCap=375.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41592.47

--------------------------------------------------

Ep 7/50 | Reward 4846.00 | Loss 832286650.85 | Dist 1594.53 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 47, 51, 6, 44, 35, 31, 23, 15, 5, 18, 56, 14, 4, 3, 13, 19, 34, 72, 1, 17, 8, 7, 30, 10, 9, 11, 2, 62, 0], Distance=383.61, RemCap=9.0

Vehicle 1: Route=[0, 50, 67, 12, 70, 65, 21, 63, 25, 78, 60, 37, 0], Distance=230.46, RemCap=320.0

Vehicle 2: Route=[0, 73, 39, 27, 57, 54, 46, 68, 26, 79, 40, 0], Distance=211.69, RemCap=244.0

Vehicle 3: Route=[0, 55, 22, 58, 45, 29, 36, 75, 74, 61, 53, 0], Distance=246.42, RemCap=309.0

Vehicle 4: Route=[0, 38, 80, 52, 64, 48, 28, 42, 66, 0], Distance=199.07, RemCap=373.0

Vehicle 5: Route=[0, 32, 24, 59, 49, 33, 0], Distance=144.75, RemCap=382.0

Vehicle 6: Route=[0, 43, 77, 69, 41, 71, 76, 0], Distance=178.53, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43358.87

--------------------------------------------------

Ep 8/50 | Reward 5013.50 | Loss 898657898.38 | Dist 1513.79 | Vehl 7

Vehicle 0: Route=[0, 17, 7, 8, 9, 10, 2, 11, 65, 1, 34, 3, 4, 12, 38, 71, 14, 18, 13, 67, 19, 16, 20, 49, 5, 53, 15, 23, 40, 6, 31, 0], Distance=340.30, RemCap=15.0

Vehicle 1: Route=[0, 32, 66, 45, 63, 36, 44, 79, 75, 48, 76, 57, 33, 0], Distance=249.12, RemCap=251.0

Vehicle 2: Route=[0, 59, 58, 24, 30, 43, 29, 25, 64, 60, 78, 0], Distance=151.03, RemCap=318.0

Vehicle 3: Route=[0, 22, 70, 55, 56, 46, 28, 51, 47, 21, 0], Distance=206.95, RemCap=326.0

Vehicle 4: Route=[0, 50, 80, 72, 39, 77, 26, 74, 0], Distance=231.07, RemCap=356.0

Vehicle 5: Route=[0, 68, 73, 69, 41, 54, 61, 0], Distance=133.42, RemCap=371.0

Vehicle 6: Route=[0, 35, 37, 52, 27, 62, 42, 0], Distance=201.89, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41030.11

--------------------------------------------------

Ep 9/50 | Reward 4978.39 | Loss 835774612.74 | Dist 1544.56 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 20, 61, 60, 5, 48, 15, 40, 6, 17, 7, 8, 10, 9, 42, 2, 11, 69, 1, 3, 4, 12, 38, 13, 14, 18, 56, 0], Distance=351.64, RemCap=4.0

Vehicle 1: Route=[0, 50, 67, 57, 27, 65, 62, 73, 58, 47, 25, 36, 44, 51, 0], Distance=224.78, RemCap=237.0

Vehicle 2: Route=[0, 68, 63, 35, 26, 53, 74, 52, 72, 32, 77, 66, 29, 0], Distance=243.74, RemCap=331.0

Vehicle 3: Route=[0, 59, 43, 39, 70, 80, 78, 37, 28, 46, 0], Distance=213.74, RemCap=341.0

Vehicle 4: Route=[0, 24, 30, 22, 33, 64, 75, 23, 45, 21, 0], Distance=222.46, RemCap=306.0

Vehicle 5: Route=[0, 41, 55, 71, 76, 79, 31, 0], Distance=195.94, RemCap=400.0

Vehicle 6: Route=[0, 34, 54, 49, 0], Distance=92.24, RemCap=418.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43914.85

--------------------------------------------------

Ep 10/50 | Reward 4891.47 | Loss 832020218.62 | Dist 1578.25 | Vehl 7

Vehicle 0: Route=[0, 68, 16, 19, 3, 4, 55, 12, 1, 11, 2, 9, 10, 30, 7, 77, 8, 17, 6, 40, 15, 37, 64, 74, 5, 54, 18, 14, 13, 20, 52, 0], Distance=357.86, RemCap=3.0

Vehicle 1: Route=[0, 21, 66, 63, 51, 28, 78, 76, 33, 56, 70, 22, 62, 0], Distance=246.04, RemCap=305.0

Vehicle 2: Route=[0, 57, 46, 53, 48, 31, 44, 43, 42, 73, 39, 69, 0], Distance=252.73, RemCap=250.0

Vehicle 3: Route=[0, 58, 29, 35, 26, 23, 61, 67, 27, 0], Distance=186.13, RemCap=355.0

Vehicle 4: Route=[0, 50, 65, 34, 49, 25, 59, 0], Distance=149.13, RemCap=381.0

Vehicle 5: Route=[0, 72, 60, 75, 47, 45, 32, 24, 0], Distance=182.86, RemCap=353.0

Vehicle 6: Route=[0, 79, 36, 41, 80, 71, 38, 0], Distance=203.51, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41706.81

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Ep 11/50 | Reward 5183.84 | Loss 964279295.62 | Dist 1547.36 | Vehl 7

Vehicle 0: Route=[0, 42, 9, 10, 32, 7, 77, 66, 8, 17, 6, 35, 15, 61, 5, 18, 14, 71, 12, 4, 3, 57, 13, 20, 46, 16, 19, 34, 1, 11, 2, 62, 0], Distance=345.32, RemCap=4.0

Vehicle 1: Route=[0, 59, 22, 72, 76, 78, 48, 37, 23, 36, 40, 29, 21, 0], Distance=212.90, RemCap=287.0

Vehicle 2: Route=[0, 47, 60, 56, 27, 41, 73, 58, 24, 43, 39, 0], Distance=242.29, RemCap=237.0

Vehicle 3: Route=[0, 52, 25, 26, 53, 54, 80, 50, 69, 0], Distance=217.14, RemCap=371.0

Vehicle 4: Route=[0, 45, 51, 44, 30, 70, 38, 67, 33, 0], Distance=229.18, RemCap=329.0

Vehicle 5: Route=[0, 65, 55, 49, 75, 31, 79, 0], Distance=202.11, RemCap=362.0

Vehicle 6: Route=[0, 68, 63, 74, 64, 28, 0], Distance=98.42, RemCap=447.0

Total vehicle waiting time = 94.34

Total customer waiting time = 38335.32

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Ep 12/50 | Reward 5301.65 | Loss 951804194.11 | Dist 1567.98 | Vehl 7

Vehicle 0: Route=[0, 1, 11, 2, 69, 12, 4, 3, 57, 14, 18, 54, 13, 67, 19, 16, 20, 60, 5, 15, 79, 6, 17, 8, 7, 30, 10, 9, 21, 0], Distance=345.88, RemCap=5.0

Vehicle 1: Route=[0, 66, 44, 63, 75, 46, 61, 78, 53, 33, 55, 70, 41, 27, 0], Distance=271.70, RemCap=253.0

Vehicle 2: Route=[0, 65, 39, 22, 73, 42, 58, 52, 25, 40, 48, 37, 0], Distance=211.61, RemCap=267.0

Vehicle 3: Route=[0, 72, 34, 59, 29, 51, 26, 35, 28, 64, 49, 0], Distance=178.49, RemCap=329.0

Vehicle 4: Route=[0, 50, 56, 80, 62, 24, 43, 77, 31, 47, 45, 0], Distance=250.55, RemCap=286.0

Vehicle 5: Route=[0, 38, 32, 23, 36, 0], Distance=202.30, RemCap=440.0

Vehicle 6: Route=[0, 68, 71, 76, 74, 0], Distance=107.45, RemCap=457.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39990.18

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Ep 13/50 | Reward 5286.12 | Loss 1027384664.15 | Dist 1519.99 | Vehl 7

Vehicle 0: Route=[0, 34, 1, 39, 11, 2, 65, 72, 3, 4, 12, 18, 14, 13, 19, 16, 52, 49, 5, 53, 15, 75, 25, 6, 17, 59, 9, 10, 8, 7, 77, 0], Distance=367.68, RemCap=0.0

Vehicle 1: Route=[0, 20, 33, 74, 78, 48, 35, 44, 28, 46, 21, 73, 24, 30, 43, 0], Distance=252.90, RemCap=229.0

Vehicle 2: Route=[0, 68, 47, 64, 61, 50, 27, 38, 71, 56, 0], Distance=183.56, RemCap=287.0

Vehicle 3: Route=[0, 32, 66, 29, 45, 63, 37, 76, 55, 70, 0], Distance=221.91, RemCap=364.0

Vehicle 4: Route=[0, 40, 36, 26, 23, 54, 80, 57, 0], Distance=152.24, RemCap=357.0

Vehicle 5: Route=[0, 31, 79, 60, 67, 41, 22, 0], Distance=206.11, RemCap=375.0

Vehicle 6: Route=[0, 69, 62, 42, 51, 58, 0], Distance=135.59, RemCap=425.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43597.99

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Ep 14/50 | Reward 5319.98 | Loss 1008764817.29 | Dist 1693.74 | Vehl 7

Vehicle 0: Route=[0, 68, 20, 16, 19, 13, 5, 60, 18, 14, 55, 12, 4, 3, 1, 11, 2, 10, 7, 8, 9, 42, 59, 17, 29, 6, 79, 25, 28, 15, 64, 48, 37, 0], Distance=408.29, RemCap=3.0

Vehicle 1: Route=[0, 72, 70, 65, 69, 62, 32, 43, 35, 23, 52, 74, 78, 0], Distance=238.11, RemCap=332.0

Vehicle 2: Route=[0, 27, 71, 61, 49, 75, 63, 40, 44, 30, 66, 0], Distance=246.47, RemCap=263.0

Vehicle 3: Route=[0, 50, 41, 38, 57, 47, 36, 46, 54, 0], Distance=211.36, RemCap=324.0

Vehicle 4: Route=[0, 56, 73, 24, 26, 31, 0], Distance=203.41, RemCap=402.0

Vehicle 5: Route=[0, 53, 67, 80, 34, 39, 77, 21, 0], Distance=201.23, RemCap=340.0

Vehicle 6: Route=[0, 76, 33, 22, 58, 45, 51, 0], Distance=184.86, RemCap=373.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41342.70

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Ep 15/50 | Reward 5110.84 | Loss 890173525.80 | Dist 1607.63 | Vehl 7

Vehicle 0: Route=[0, 16, 19, 13, 20, 76, 18, 56, 14, 55, 12, 4, 3, 1, 11, 2, 10, 9, 8, 43, 7, 66, 29, 51, 6, 23, 15, 37, 5, 60, 0], Distance=356.75, RemCap=3.0

Vehicle 1: Route=[0, 24, 17, 40, 36, 35, 31, 25, 64, 71, 70, 72, 34, 41, 0], Distance=237.79, RemCap=319.0

Vehicle 2: Route=[0, 50, 62, 57, 80, 33, 61, 52, 75, 28, 26, 58, 0], Distance=230.34, RemCap=273.0

Vehicle 3: Route=[0, 67, 69, 39, 32, 42, 59, 79, 63, 45, 0], Distance=206.19, RemCap=334.0

Vehicle 4: Route=[0, 47, 74, 49, 53, 44, 22, 0], Distance=194.35, RemCap=371.0

Vehicle 5: Route=[0, 77, 21, 48, 46, 54, 38, 27, 0], Distance=216.36, RemCap=333.0

Vehicle 6: Route=[0, 73, 65, 30, 78, 68, 0], Distance=165.84, RemCap=404.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43856.71

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Ep 16/50 | Reward 4764.68 | Loss 786319143.19 | Dist 1551.72 | Vehl 7

Vehicle 0: Route=[0, 59, 58, 24, 9, 10, 30, 7, 8, 17, 6, 23, 15, 53, 5, 60, 46, 20, 13, 18, 14, 71, 4, 12, 70, 2, 11, 1, 3, 19, 34, 0], Distance=367.33, RemCap=38.0

Vehicle 1: Route=[0, 16, 55, 56, 67, 37, 79, 31, 51, 66, 45, 47, 0], Distance=267.89, RemCap=267.0

Vehicle 2: Route=[0, 75, 44, 26, 48, 64, 74, 33, 57, 65, 41, 27, 0], Distance=220.11, RemCap=254.0

Vehicle 3: Route=[0, 40, 36, 35, 25, 50, 72, 62, 22, 42, 0], Distance=175.26, RemCap=364.0

Vehicle 4: Route=[0, 21, 29, 43, 39, 80, 54, 76, 61, 0], Distance=175.85, RemCap=297.0

Vehicle 5: Route=[0, 38, 49, 78, 63, 77, 68, 0], Distance=188.09, RemCap=388.0

Vehicle 6: Route=[0, 52, 28, 73, 69, 32, 0], Distance=157.19, RemCap=429.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42897.84

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Ep 17/50 | Reward 4324.50 | Loss 634825751.90 | Dist 1564.91 | Vehl 7

Vehicle 0: Route=[0, 25, 51, 6, 44, 15, 64, 76, 5, 18, 14, 33, 67, 20, 46, 16, 19, 4, 55, 12, 1, 11, 2, 9, 10, 7, 66, 8, 50, 0], Distance=360.53, RemCap=41.0

Vehicle 1: Route=[0, 54, 61, 53, 23, 26, 29, 17, 77, 22, 32, 0], Distance=236.27, RemCap=315.0

Vehicle 2: Route=[0, 59, 24, 69, 71, 13, 74, 49, 48, 36, 35, 31, 0], Distance=233.41, RemCap=336.0

Vehicle 3: Route=[0, 34, 65, 27, 3, 57, 80, 78, 37, 79, 68, 0], Distance=203.94, RemCap=273.0

Vehicle 4: Route=[0, 73, 72, 38, 56, 60, 52, 40, 21, 0], Distance=210.47, RemCap=303.0

Vehicle 5: Route=[0, 28, 75, 41, 39, 62, 43, 0], Distance=163.51, RemCap=380.0

Vehicle 6: Route=[0, 70, 42, 30, 58, 45, 63, 47, 0], Distance=156.79, RemCap=389.0

Total vehicle waiting time = 117.05

Total customer waiting time = 48352.60

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Ep 18/50 | Reward 5057.64 | Loss 872974674.62 | Dist 1668.06 | Vehl 7

Vehicle 0: Route=[0, 16, 19, 3, 4, 12, 14, 18, 33, 13, 20, 5, 15, 36, 6, 40, 51, 45, 21, 17, 7, 8, 10, 9, 59, 42, 1, 11, 62, 2, 27, 0], Distance=364.27, RemCap=3.0

Vehicle 1: Route=[0, 50, 57, 55, 54, 74, 49, 37, 44, 63, 66, 77, 39, 0], Distance=265.66, RemCap=216.0

Vehicle 2: Route=[0, 34, 41, 72, 60, 64, 47, 68, 58, 24, 0], Distance=186.63, RemCap=327.0

Vehicle 3: Route=[0, 30, 32, 73, 65, 38, 76, 61, 48, 26, 0], Distance=240.37, RemCap=296.0

Vehicle 4: Route=[0, 22, 69, 56, 28, 79, 35, 75, 46, 0], Distance=227.40, RemCap=358.0

Vehicle 5: Route=[0, 52, 67, 80, 71, 78, 25, 43, 0], Distance=172.97, RemCap=396.0

Vehicle 6: Route=[0, 70, 53, 29, 31, 23, 0], Distance=210.74, RemCap=441.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44126.44

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Ep 19/50 | Reward 5169.39 | Loss 938374564.56 | Dist 1572.74 | Vehl 7

Vehicle 0: Route=[0, 52, 20, 16, 50, 19, 13, 18, 14, 80, 71, 38, 12, 4, 3, 41, 1, 69, 11, 2, 22, 10, 9, 8, 7, 17, 58, 59, 63, 6, 15, 78, 5, 53, 0], Distance=368.10, RemCap=1.0

Vehicle 1: Route=[0, 21, 55, 33, 60, 49, 46, 64, 48, 31, 51, 75, 0], Distance=218.60, RemCap=231.0

Vehicle 2: Route=[0, 68, 35, 79, 44, 36, 29, 39, 65, 56, 74, 0], Distance=241.46, RemCap=298.0

Vehicle 3: Route=[0, 61, 54, 70, 27, 43, 24, 42, 0], Distance=165.66, RemCap=343.0

Vehicle 4: Route=[0, 45, 25, 67, 72, 62, 73, 30, 32, 0], Distance=181.69, RemCap=359.0

Vehicle 5: Route=[0, 66, 76, 23, 40, 26, 0], Distance=196.01, RemCap=430.0

Vehicle 6: Route=[0, 57, 34, 77, 28, 37, 47, 0], Distance=201.22, RemCap=375.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41930.34

--------------------------------------------------

Ep 20/50 | Reward 4957.08 | Loss 841072480.07 | Dist 1615.15 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 20, 47, 42, 58, 17, 7, 8, 9, 10, 2, 11, 39, 1, 3, 4, 12, 56, 18, 14, 13, 76, 5, 53, 49, 15, 6, 44, 0], Distance=371.57, RemCap=0.0

Vehicle 1: Route=[0, 21, 40, 31, 79, 37, 28, 55, 38, 73, 77, 30, 22, 62, 0], Distance=292.76, RemCap=234.0

Vehicle 2: Route=[0, 43, 63, 52, 75, 64, 48, 74, 71, 70, 0], Distance=216.76, RemCap=352.0

Vehicle 3: Route=[0, 45, 35, 26, 66, 32, 41, 34, 67, 33, 78, 0], Distance=236.56, RemCap=335.0

Vehicle 4: Route=[0, 65, 27, 54, 46, 25, 23, 36, 0], Distance=182.17, RemCap=387.0

Vehicle 5: Route=[0, 50, 69, 57, 80, 68, 29, 0], Distance=142.33, RemCap=376.0

Vehicle 6: Route=[0, 59, 24, 51, 60, 61, 72, 0], Distance=173.00, RemCap=353.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42679.41

--------------------------------------------------

Ep 21/50 | Reward 5064.71 | Loss 904177264.75 | Dist 1563.93 | Vehl 7

Vehicle 0: Route=[0, 24, 9, 10, 30, 7, 8, 17, 29, 6, 25, 15, 48, 49, 5, 60, 18, 14, 71, 4, 12, 70, 2, 11, 1, 50, 19, 13, 20, 16, 52, 0], Distance=339.88, RemCap=3.0

Vehicle 1: Route=[0, 67, 3, 38, 27, 22, 77, 66, 40, 79, 26, 31, 53, 0], Distance=262.88, RemCap=265.0

Vehicle 2: Route=[0, 28, 21, 58, 43, 73, 39, 65, 41, 55, 72, 0], Distance=199.11, RemCap=286.0

Vehicle 3: Route=[0, 59, 44, 36, 46, 74, 56, 57, 69, 0], Distance=223.30, RemCap=348.0

Vehicle 4: Route=[0, 80, 76, 61, 78, 68, 32, 63, 35, 0], Distance=225.42, RemCap=368.0

Vehicle 5: Route=[0, 75, 64, 37, 54, 34, 42, 62, 0], Distance=185.85, RemCap=377.0

Vehicle 6: Route=[0, 33, 47, 23, 51, 45, 0], Distance=127.49, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41162.57

--------------------------------------------------

Ep 22/50 | Reward 5078.01 | Loss 889433618.92 | Dist 1676.50 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 78, 5, 18, 14, 33, 13, 19, 57, 71, 12, 4, 3, 1, 11, 2, 10, 9, 8, 7, 17, 44, 6, 40, 15, 28, 47, 25, 63, 29, 42, 0], Distance=381.53, RemCap=15.0

Vehicle 1: Route=[0, 58, 66, 36, 79, 26, 51, 49, 56, 80, 72, 73, 39, 0], Distance=270.09, RemCap=219.0

Vehicle 2: Route=[0, 50, 55, 54, 74, 45, 59, 43, 22, 27, 0], Distance=219.92, RemCap=307.0

Vehicle 3: Route=[0, 21, 24, 30, 62, 38, 46, 64, 23, 0], Distance=230.96, RemCap=348.0

Vehicle 4: Route=[0, 67, 60, 61, 52, 77, 65, 34, 0], Distance=187.97, RemCap=340.0

Vehicle 5: Route=[0, 68, 75, 37, 53, 76, 69, 70, 0], Distance=184.82, RemCap=399.0

Vehicle 6: Route=[0, 48, 35, 31, 41, 32, 0], Distance=201.20, RemCap=409.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41265.43

--------------------------------------------------

Ep 23/50 | Reward 4916.37 | Loss 845536099.39 | Dist 1594.97 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 46, 20, 13, 54, 49, 5, 18, 14, 12, 4, 3, 41, 65, 1, 69, 11, 2, 62, 9, 10, 30, 7, 8, 17, 29, 63, 25, 6, 23, 0], Distance=340.10, RemCap=9.0

Vehicle 1: Route=[0, 24, 32, 73, 27, 56, 33, 60, 53, 64, 15, 44, 28, 0], Distance=272.69, RemCap=247.0

Vehicle 2: Route=[0, 68, 52, 61, 79, 43, 22, 50, 38, 0], Distance=252.97, RemCap=304.0

Vehicle 3: Route=[0, 34, 70, 57, 71, 67, 76, 45, 0], Distance=138.51, RemCap=378.0

Vehicle 4: Route=[0, 58, 66, 36, 31, 75, 74, 78, 55, 39, 0], Distance=236.28, RemCap=356.0

Vehicle 5: Route=[0, 72, 42, 59, 35, 26, 40, 77, 0], Distance=186.13, RemCap=394.0

Vehicle 6: Route=[0, 80, 47, 21, 51, 37, 48, 0], Distance=168.28, RemCap=349.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42141.16

--------------------------------------------------

Ep 24/50 | Reward 4488.75 | Loss 632005949.21 | Dist 1649.32 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 13, 54, 5, 18, 14, 71, 55, 12, 4, 3, 19, 72, 41, 1, 11, 2, 9, 10, 7, 17, 29, 40, 6, 79, 26, 51, 15, 28, 0], Distance=345.62, RemCap=13.0

Vehicle 1: Route=[0, 39, 22, 8, 58, 59, 45, 44, 47, 46, 53, 60, 0], Distance=238.77, RemCap=275.0

Vehicle 2: Route=[0, 68, 64, 25, 66, 77, 62, 50, 38, 33, 76, 74, 0], Distance=251.29, RemCap=330.0

Vehicle 3: Route=[0, 80, 56, 75, 23, 36, 63, 42, 73, 43, 0], Distance=232.54, RemCap=336.0

Vehicle 4: Route=[0, 69, 27, 70, 34, 78, 37, 31, 24, 30, 0], Distance=247.19, RemCap=341.0

Vehicle 5: Route=[0, 65, 52, 61, 49, 48, 21, 35, 0], Distance=215.28, RemCap=317.0

Vehicle 6: Route=[0, 32, 57, 67, 0], Distance=118.62, RemCap=425.0

Total vehicle waiting time = 211.66

Total customer waiting time = 48497.01

--------------------------------------------------

Ep 25/50 | Reward 5122.69 | Loss 847872535.14 | Dist 1625.44 | Vehl 7

Vehicle 0: Route=[0, 16, 52, 47, 75, 78, 53, 5, 18, 56, 14, 12, 4, 3, 13, 20, 19, 34, 1, 11, 2, 10, 9, 8, 7, 77, 17, 6, 26, 23, 15, 37, 0], Distance=386.50, RemCap=7.0

Vehicle 1: Route=[0, 27, 39, 73, 42, 66, 35, 31, 51, 28, 76, 54, 46, 0], Distance=230.57, RemCap=286.0

Vehicle 2: Route=[0, 50, 69, 32, 58, 68, 60, 36, 63, 25, 0], Distance=236.52, RemCap=362.0

Vehicle 3: Route=[0, 59, 40, 43, 30, 22, 41, 72, 71, 57, 0], Distance=200.92, RemCap=293.0

Vehicle 4: Route=[0, 21, 64, 61, 33, 55, 65, 67, 0], Distance=175.83, RemCap=332.0

Vehicle 5: Route=[0, 29, 44, 79, 80, 70, 0], Distance=181.03, RemCap=411.0

Vehicle 6: Route=[0, 45, 24, 62, 38, 74, 48, 49, 0], Distance=214.06, RemCap=346.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39611.26

--------------------------------------------------

Ep 26/50 | Reward 5090.30 | Loss 917155247.43 | Dist 1443.69 | Vehl 7

Vehicle 0: Route=[0, 59, 58, 17, 24, 66, 7, 8, 9, 10, 22, 2, 11, 1, 72, 12, 38, 4, 3, 19, 16, 20, 13, 33, 14, 18, 5, 15, 35, 26, 79, 6, 36, 0], Distance=338.26, RemCap=8.0

Vehicle 1: Route=[0, 68, 31, 64, 53, 78, 76, 54, 67, 50, 27, 62, 69, 0], Distance=211.18, RemCap=303.0

Vehicle 2: Route=[0, 80, 56, 60, 37, 28, 40, 44, 77, 0], Distance=226.65, RemCap=318.0

Vehicle 3: Route=[0, 34, 70, 41, 65, 43, 21, 47, 49, 74, 0], Distance=183.33, RemCap=311.0

Vehicle 4: Route=[0, 52, 71, 61, 51, 30, 73, 39, 0], Distance=219.08, RemCap=311.0

Vehicle 5: Route=[0, 75, 63, 45, 29, 32, 42, 0], Distance=109.52, RemCap=407.0

Vehicle 6: Route=[0, 25, 23, 48, 46, 55, 57, 0], Distance=155.66, RemCap=379.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40726.86

--------------------------------------------------

Ep 27/50 | Reward 5304.65 | Loss 931999854.52 | Dist 1652.55 | Vehl 7

Vehicle 0: Route=[0, 59, 17, 7, 8, 9, 10, 2, 11, 1, 27, 72, 3, 4, 12, 38, 14, 18, 5, 49, 54, 13, 67, 19, 16, 20, 46, 15, 6, 44, 31, 0], Distance=354.90, RemCap=7.0

Vehicle 1: Route=[0, 42, 58, 24, 77, 36, 64, 47, 56, 80, 57, 41, 39, 0], Distance=263.29, RemCap=232.0

Vehicle 2: Route=[0, 34, 65, 55, 53, 37, 52, 45, 26, 23, 0], Distance=260.13, RemCap=337.0

Vehicle 3: Route=[0, 25, 29, 66, 22, 71, 33, 78, 74, 0], Distance=209.82, RemCap=395.0

Vehicle 4: Route=[0, 68, 76, 48, 28, 35, 21, 62, 69, 0], Distance=191.76, RemCap=388.0

Vehicle 5: Route=[0, 50, 70, 30, 79, 40, 51, 75, 61, 0], Distance=220.84, RemCap=290.0

Vehicle 6: Route=[0, 73, 32, 43, 63, 60, 0], Distance=151.82, RemCap=388.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40501.22

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Ep 28/50 | Reward 5040.91 | Loss 834874231.36 | Dist 1564.89 | Vehl 7

Vehicle 0: Route=[0, 16, 46, 6, 36, 79, 15, 48, 5, 60, 74, 20, 19, 67, 13, 14, 18, 12, 4, 3, 34, 1, 11, 2, 9, 10, 30, 7, 8, 17, 58, 0], Distance=353.52, RemCap=1.0

Vehicle 1: Route=[0, 59, 66, 65, 27, 70, 57, 33, 52, 78, 64, 75, 31, 40, 0], Distance=257.44, RemCap=254.0

Vehicle 2: Route=[0, 38, 49, 53, 28, 68, 45, 43, 77, 32, 62, 0], Distance=239.26, RemCap=302.0

Vehicle 3: Route=[0, 73, 56, 54, 76, 47, 23, 26, 35, 0], Distance=202.82, RemCap=360.0

Vehicle 4: Route=[0, 61, 21, 42, 39, 69, 41, 72, 50, 0], Distance=142.29, RemCap=311.0

Vehicle 5: Route=[0, 24, 29, 63, 25, 37, 80, 0], Distance=166.77, RemCap=409.0

Vehicle 6: Route=[0, 51, 44, 22, 71, 55, 0], Distance=202.78, RemCap=400.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45734.54

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Ep 29/50 | Reward 4688.29 | Loss 746860527.25 | Dist 1540.61 | Vehl 7

Vehicle 0: Route=[0, 59, 17, 7, 8, 9, 10, 2, 1, 41, 27, 3, 4, 12, 38, 18, 14, 13, 19, 16, 20, 76, 60, 5, 53, 64, 15, 23, 6, 51, 29, 0], Distance=345.46, RemCap=6.0

Vehicle 1: Route=[0, 61, 78, 48, 75, 66, 24, 73, 62, 11, 70, 55, 0], Distance=227.57, RemCap=303.0

Vehicle 2: Route=[0, 42, 39, 57, 71, 56, 54, 28, 40, 35, 31, 37, 0], Distance=238.30, RemCap=266.0

Vehicle 3: Route=[0, 36, 77, 43, 69, 65, 72, 33, 74, 49, 0], Distance=235.83, RemCap=315.0

Vehicle 4: Route=[0, 68, 79, 47, 52, 80, 34, 0], Distance=157.43, RemCap=383.0

Vehicle 5: Route=[0, 67, 50, 22, 32, 63, 45, 21, 58, 0], Distance=154.40, RemCap=344.0

Vehicle 6: Route=[0, 46, 25, 30, 26, 44, 0], Distance=181.63, RemCap=420.0

Total vehicle waiting time = 70.23

Total customer waiting time = 45718.22

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Ep 30/50 | Reward 5144.72 | Loss 902564398.32 | Dist 1587.12 | Vehl 7

Vehicle 0: Route=[0, 19, 13, 54, 20, 16, 75, 28, 15, 6, 17, 66, 7, 8, 10, 9, 42, 73, 2, 11, 1, 3, 4, 12, 38, 55, 71, 80, 14, 18, 5, 49, 76, 0], Distance=351.82, RemCap=4.0

Vehicle 1: Route=[0, 68, 21, 63, 25, 31, 37, 74, 52, 67, 22, 43, 24, 0], Distance=236.28, RemCap=303.0

Vehicle 2: Route=[0, 50, 72, 70, 62, 30, 40, 48, 64, 47, 56, 0], Distance=268.71, RemCap=277.0

Vehicle 3: Route=[0, 45, 59, 65, 41, 27, 57, 61, 53, 78, 0], Distance=170.39, RemCap=287.0

Vehicle 4: Route=[0, 33, 34, 39, 32, 58, 51, 23, 35, 29, 0], Distance=217.48, RemCap=313.0

Vehicle 5: Route=[0, 69, 77, 46, 60, 36, 44, 0], Distance=244.75, RemCap=393.0

Vehicle 6: Route=[0, 79, 26, 0], Distance=97.70, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42660.91

--------------------------------------------------

Ep 31/50 | Reward 4618.73 | Loss 722379542.93 | Dist 1558.01 | Vehl 7

Vehicle 0: Route=[0, 68, 29, 17, 24, 66, 77, 7, 8, 9, 10, 2, 11, 69, 1, 19, 16, 52, 20, 13, 3, 4, 12, 14, 18, 5, 49, 64, 35, 6, 51, 0], Distance=342.39, RemCap=13.0

Vehicle 1: Route=[0, 34, 71, 56, 67, 76, 60, 53, 15, 40, 63, 21, 0], Distance=196.12, RemCap=290.0

Vehicle 2: Route=[0, 58, 42, 39, 41, 27, 57, 80, 74, 28, 26, 79, 0], Distance=218.21, RemCap=273.0

Vehicle 3: Route=[0, 33, 38, 72, 62, 73, 59, 30, 44, 36, 31, 0], Distance=250.07, RemCap=322.0

Vehicle 4: Route=[0, 32, 22, 50, 55, 61, 37, 25, 47, 0], Distance=225.31, RemCap=326.0

Vehicle 5: Route=[0, 65, 43, 45, 23, 78, 46, 0], Distance=191.66, RemCap=390.0

Vehicle 6: Route=[0, 70, 54, 48, 75, 0], Distance=134.24, RemCap=423.0

Total vehicle waiting time = 211.66

Total customer waiting time = 45202.73

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Ep 32/50 | Reward 4720.05 | Loss 734079085.11 | Dist 1443.52 | Vehl 7

Vehicle 0: Route=[0, 1, 11, 2, 22, 10, 8, 7, 77, 17, 29, 44, 79, 36, 6, 51, 25, 28, 15, 5, 60, 18, 14, 12, 4, 3, 13, 19, 68, 0], Distance=321.86, RemCap=57.0

Vehicle 1: Route=[0, 75, 23, 37, 48, 20, 16, 73, 39, 69, 65, 34, 0], Distance=184.73, RemCap=274.0

Vehicle 2: Route=[0, 35, 40, 66, 24, 9, 41, 27, 72, 67, 55, 38, 0], Distance=236.21, RemCap=298.0

Vehicle 3: Route=[0, 47, 31, 26, 78, 74, 33, 80, 62, 0], Distance=204.74, RemCap=383.0

Vehicle 4: Route=[0, 46, 53, 76, 54, 70, 42, 59, 58, 45, 0], Distance=168.24, RemCap=367.0

Vehicle 5: Route=[0, 50, 57, 56, 61, 63, 21, 52, 0], Distance=149.86, RemCap=307.0

Vehicle 6: Route=[0, 71, 49, 64, 43, 32, 30, 0], Distance=177.88, RemCap=351.0

Total vehicle waiting time = 138.28

Total customer waiting time = 44361.44

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Ep 33/50 | Reward 4722.57 | Loss 727901471.13 | Dist 1637.95 | Vehl 7

Vehicle 0: Route=[0, 50, 1, 11, 2, 9, 10, 7, 8, 24, 17, 59, 21, 51, 6, 15, 28, 5, 18, 56, 14, 38, 12, 4, 3, 19, 16, 20, 13, 54, 0], Distance=342.73, RemCap=16.0

Vehicle 1: Route=[0, 74, 61, 60, 53, 48, 31, 36, 32, 42, 73, 72, 0], Distance=210.02, RemCap=280.0

Vehicle 2: Route=[0, 43, 62, 41, 27, 34, 80, 78, 63, 44, 26, 0], Distance=265.48, RemCap=322.0

Vehicle 3: Route=[0, 68, 35, 37, 49, 70, 65, 39, 22, 58, 0], Distance=221.37, RemCap=311.0

Vehicle 4: Route=[0, 46, 75, 25, 40, 29, 30, 69, 55, 71, 33, 0], Distance=220.15, RemCap=320.0

Vehicle 5: Route=[0, 66, 79, 47, 76, 67, 52, 0], Distance=183.95, RemCap=400.0

Vehicle 6: Route=[0, 57, 64, 23, 77, 45, 0], Distance=194.25, RemCap=388.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44314.04

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Ep 34/50 | Reward 4893.03 | Loss 798940064.33 | Dist 1524.93 | Vehl 7

Vehicle 0: Route=[0, 52, 16, 19, 67, 13, 18, 14, 3, 4, 12, 70, 72, 41, 2, 11, 1, 42, 9, 10, 8, 30, 7, 17, 45, 40, 6, 44, 26, 15, 5, 76, 0], Distance=361.12, RemCap=18.0

Vehicle 1: Route=[0, 21, 28, 74, 20, 50, 55, 65, 69, 39, 73, 32, 77, 0], Distance=238.25, RemCap=268.0

Vehicle 2: Route=[0, 24, 62, 71, 80, 46, 47, 79, 48, 53, 61, 49, 0], Distance=272.26, RemCap=243.0

Vehicle 3: Route=[0, 27, 38, 56, 60, 78, 64, 75, 31, 63, 0], Distance=199.73, RemCap=319.0

Vehicle 4: Route=[0, 34, 22, 66, 59, 35, 25, 68, 0], Distance=178.88, RemCap=415.0

Vehicle 5: Route=[0, 43, 36, 23, 37, 51, 29, 0], Distance=171.16, RemCap=381.0

Vehicle 6: Route=[0, 57, 33, 54, 58, 0], Distance=103.53, RemCap=393.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43850.93

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Ep 35/50 | Reward 4853.66 | Loss 761133302.81 | Dist 1589.33 | Vehl 7

Vehicle 0: Route=[0, 58, 9, 10, 8, 30, 7, 66, 17, 6, 26, 40, 15, 49, 5, 18, 14, 13, 20, 16, 19, 67, 3, 4, 12, 70, 27, 1, 11, 2, 22, 0], Distance=344.26, RemCap=3.0

Vehicle 1: Route=[0, 59, 42, 72, 41, 39, 32, 77, 44, 31, 61, 48, 37, 0], Distance=265.52, RemCap=238.0

Vehicle 2: Route=[0, 62, 34, 33, 60, 74, 64, 47, 75, 35, 51, 0], Distance=215.76, RemCap=307.0

Vehicle 3: Route=[0, 68, 29, 23, 78, 76, 80, 69, 24, 0], Distance=220.44, RemCap=393.0

Vehicle 4: Route=[0, 43, 36, 63, 54, 56, 71, 55, 52, 0], Distance=214.23, RemCap=347.0

Vehicle 5: Route=[0, 45, 25, 79, 53, 57, 50, 0], Distance=170.80, RemCap=357.0

Vehicle 6: Route=[0, 21, 28, 46, 38, 65, 73, 0], Distance=158.32, RemCap=392.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44788.78

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Ep 36/50 | Reward 4941.81 | Loss 768465755.84 | Dist 1596.33 | Vehl 7

Vehicle 0: Route=[0, 16, 52, 20, 13, 33, 14, 18, 5, 64, 28, 15, 37, 23, 6, 17, 66, 7, 43, 8, 9, 10, 2, 11, 1, 70, 12, 4, 3, 71, 19, 50, 34, 0], Distance=357.44, RemCap=8.0

Vehicle 1: Route=[0, 67, 56, 60, 47, 25, 44, 29, 45, 59, 42, 58, 0], Distance=215.66, RemCap=306.0

Vehicle 2: Route=[0, 21, 63, 36, 40, 75, 49, 38, 27, 62, 0], Distance=215.20, RemCap=307.0

Vehicle 3: Route=[0, 68, 24, 77, 30, 69, 55, 76, 35, 0], Distance=242.97, RemCap=367.0

Vehicle 4: Route=[0, 32, 51, 26, 79, 48, 54, 80, 74, 0], Distance=234.76, RemCap=326.0

Vehicle 5: Route=[0, 31, 61, 72, 41, 22, 73, 0], Distance=182.96, RemCap=370.0

Vehicle 6: Route=[0, 46, 78, 53, 57, 39, 65, 0], Distance=147.33, RemCap=353.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45495.23

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Ep 37/50 | Reward 4932.04 | Loss 781313507.88 | Dist 1565.61 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 20, 13, 14, 18, 5, 78, 61, 48, 15, 28, 23, 6, 40, 63, 21, 17, 7, 8, 10, 22, 2, 11, 1, 27, 3, 4, 12, 70, 0], Distance=352.21, RemCap=6.0

Vehicle 1: Route=[0, 65, 69, 39, 9, 77, 58, 51, 46, 74, 53, 76, 56, 57, 0], Distance=250.75, RemCap=222.0

Vehicle 2: Route=[0, 34, 30, 26, 35, 31, 37, 54, 33, 38, 71, 0], Distance=238.50, RemCap=315.0

Vehicle 3: Route=[0, 42, 43, 62, 41, 72, 55, 49, 64, 25, 68, 45, 0], Distance=219.24, RemCap=296.0

Vehicle 4: Route=[0, 80, 47, 79, 44, 59, 32, 0], Distance=200.82, RemCap=381.0

Vehicle 5: Route=[0, 52, 67, 73, 24, 0], Distance=98.26, RemCap=426.0

Vehicle 6: Route=[0, 50, 60, 75, 29, 66, 36, 0], Distance=205.82, RemCap=391.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46873.93

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Ep 38/50 | Reward 5717.89 | Loss 1097619487.73 | Dist 1571.73 | Vehl 7

Vehicle 0: Route=[0, 50, 19, 16, 20, 54, 67, 13, 14, 18, 5, 53, 78, 76, 74, 15, 75, 63, 6, 44, 17, 7, 8, 9, 10, 2, 11, 1, 41, 12, 4, 3, 80, 0], Distance=371.88, RemCap=7.0

Vehicle 1: Route=[0, 68, 45, 29, 36, 35, 31, 23, 28, 64, 46, 49, 33, 65, 0], Distance=205.59, RemCap=284.0

Vehicle 2: Route=[0, 52, 56, 61, 48, 26, 25, 21, 58, 69, 39, 0], Distance=235.62, RemCap=273.0

Vehicle 3: Route=[0, 59, 42, 70, 57, 60, 79, 40, 24, 66, 32, 0], Distance=258.73, RemCap=296.0

Vehicle 4: Route=[0, 77, 62, 34, 72, 55, 0], Distance=157.20, RemCap=414.0

Vehicle 5: Route=[0, 47, 37, 51, 43, 27, 0], Distance=187.30, RemCap=366.0

Vehicle 6: Route=[0, 73, 30, 22, 71, 38, 0], Distance=155.40, RemCap=397.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37526.96

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Ep 39/50 | Reward 4997.97 | Loss 834748959.80 | Dist 1600.95 | Vehl 7

Vehicle 0: Route=[0, 50, 19, 16, 20, 52, 25, 15, 26, 6, 17, 7, 8, 9, 10, 2, 11, 1, 41, 3, 4, 12, 55, 71, 80, 14, 18, 13, 54, 5, 61, 0], Distance=361.54, RemCap=20.0

Vehicle 1: Route=[0, 39, 22, 32, 29, 45, 74, 60, 64, 28, 51, 23, 35, 0], Distance=235.71, RemCap=272.0

Vehicle 2: Route=[0, 68, 56, 76, 78, 75, 31, 43, 30, 24, 0], Distance=211.33, RemCap=324.0

Vehicle 3: Route=[0, 42, 66, 73, 62, 38, 67, 49, 79, 40, 63, 0], Distance=264.07, RemCap=304.0

Vehicle 4: Route=[0, 34, 70, 69, 58, 21, 53, 37, 48, 0], Distance=199.76, RemCap=348.0

Vehicle 5: Route=[0, 47, 36, 44, 77, 27, 72, 57, 0], Distance=208.68, RemCap=344.0

Vehicle 6: Route=[0, 59, 65, 33, 46, 0], Distance=119.87, RemCap=425.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46533.77

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Ep 40/50 | Reward 4938.41 | Loss 829703962.01 | Dist 1576.48 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 52, 20, 78, 5, 60, 18, 14, 33, 13, 55, 12, 4, 3, 27, 69, 2, 11, 1, 42, 9, 10, 8, 7, 17, 6, 44, 35, 15, 25, 46, 0], Distance=366.09, RemCap=6.0

Vehicle 1: Route=[0, 50, 62, 72, 71, 56, 47, 51, 31, 26, 36, 63, 77, 24, 0], Distance=270.72, RemCap=273.0

Vehicle 2: Route=[0, 45, 21, 58, 43, 32, 39, 70, 34, 67, 54, 0], Distance=170.31, RemCap=283.0

Vehicle 3: Route=[0, 80, 41, 66, 68, 40, 48, 64, 74, 49, 76, 61, 0], Distance=257.74, RemCap=257.0

Vehicle 4: Route=[0, 73, 29, 79, 37, 75, 0], Distance=151.97, RemCap=390.0

Vehicle 5: Route=[0, 23, 28, 38, 22, 30, 59, 0], Distance=222.08, RemCap=408.0

Vehicle 6: Route=[0, 65, 57, 53, 0], Distance=137.57, RemCap=420.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44182.44

--------------------------------------------------

Ep 41/50 | Reward 5235.50 | Loss 903710408.93 | Dist 1610.64 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 13, 14, 18, 5, 53, 61, 64, 15, 35, 6, 45, 21, 17, 7, 8, 9, 10, 2, 11, 1, 41, 70, 12, 4, 3, 80, 19, 72, 0], Distance=358.03, RemCap=9.0

Vehicle 1: Route=[0, 33, 56, 57, 65, 39, 62, 32, 42, 59, 29, 51, 37, 46, 0], Distance=254.15, RemCap=202.0

Vehicle 2: Route=[0, 22, 24, 52, 67, 71, 60, 49, 74, 75, 36, 44, 77, 0], Distance=305.74, RemCap=271.0

Vehicle 3: Route=[0, 34, 27, 50, 47, 28, 79, 40, 66, 43, 0], Distance=205.98, RemCap=303.0

Vehicle 4: Route=[0, 73, 69, 54, 25, 26, 48, 76, 0], Distance=211.69, RemCap=390.0

Vehicle 5: Route=[0, 58, 63, 31, 23, 0], Distance=100.80, RemCap=455.0

Vehicle 6: Route=[0, 30, 38, 55, 78, 68, 0], Distance=174.26, RemCap=407.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43140.43

--------------------------------------------------

Ep 42/50 | Reward 5006.98 | Loss 839779043.61 | Dist 1628.58 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 54, 18, 14, 12, 4, 3, 13, 19, 1, 69, 11, 2, 73, 9, 10, 8, 7, 17, 6, 40, 15, 64, 78, 76, 60, 5, 53, 37, 0], Distance=381.87, RemCap=9.0

Vehicle 1: Route=[0, 34, 22, 27, 57, 71, 80, 67, 33, 74, 48, 47, 21, 59, 0], Distance=202.05, RemCap=222.0

Vehicle 2: Route=[0, 68, 49, 56, 50, 41, 65, 43, 44, 36, 45, 0], Distance=263.24, RemCap=262.0

Vehicle 3: Route=[0, 46, 61, 75, 26, 29, 30, 39, 55, 0], Distance=236.79, RemCap=311.0

Vehicle 4: Route=[0, 70, 42, 24, 77, 79, 31, 28, 25, 0], Distance=207.06, RemCap=401.0

Vehicle 5: Route=[0, 38, 72, 58, 63, 51, 23, 0], Distance=170.72, RemCap=398.0

Vehicle 6: Route=[0, 62, 32, 66, 35, 52, 0], Distance=166.84, RemCap=434.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42355.14

--------------------------------------------------

Ep 43/50 | Reward 5091.48 | Loss 842163016.20 | Dist 1651.87 | Vehl 7

Vehicle 0: Route=[0, 19, 3, 4, 12, 38, 18, 14, 33, 13, 16, 20, 5, 15, 31, 35, 6, 51, 29, 58, 17, 66, 7, 8, 9, 10, 22, 2, 11, 1, 27, 0], Distance=347.96, RemCap=21.0

Vehicle 1: Route=[0, 68, 47, 75, 53, 74, 61, 67, 70, 32, 77, 26, 63, 25, 0], Distance=271.23, RemCap=298.0

Vehicle 2: Route=[0, 73, 24, 45, 36, 28, 49, 56, 72, 52, 46, 0], Distance=254.82, RemCap=297.0

Vehicle 3: Route=[0, 44, 79, 37, 78, 54, 55, 65, 0], Distance=205.62, RemCap=352.0

Vehicle 4: Route=[0, 64, 59, 42, 69, 41, 34, 80, 57, 0], Distance=168.22, RemCap=353.0

Vehicle 5: Route=[0, 23, 48, 60, 76, 71, 50, 62, 43, 0], Distance=245.09, RemCap=342.0

Vehicle 6: Route=[0, 39, 30, 21, 40, 0], Distance=158.93, RemCap=374.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44321.62

--------------------------------------------------

Ep 44/50 | Reward 5170.44 | Loss 897652970.93 | Dist 1673.86 | Vehl 7

Vehicle 0: Route=[0, 68, 16, 19, 20, 13, 14, 18, 33, 54, 5, 49, 15, 6, 36, 44, 17, 8, 7, 32, 10, 9, 42, 2, 11, 1, 12, 38, 4, 3, 72, 0], Distance=374.40, RemCap=9.0

Vehicle 1: Route=[0, 34, 27, 77, 43, 58, 45, 52, 74, 78, 37, 35, 23, 0], Distance=252.16, RemCap=281.0

Vehicle 2: Route=[0, 50, 67, 80, 57, 65, 62, 73, 66, 63, 21, 0], Distance=182.79, RemCap=300.0

Vehicle 3: Route=[0, 59, 24, 30, 22, 71, 64, 28, 75, 25, 79, 0], Distance=248.75, RemCap=338.0

Vehicle 4: Route=[0, 70, 60, 76, 47, 31, 29, 0], Distance=195.40, RemCap=412.0

Vehicle 5: Route=[0, 69, 39, 40, 48, 53, 0], Distance=179.06, RemCap=369.0

Vehicle 6: Route=[0, 51, 26, 46, 61, 56, 41, 55, 0], Distance=241.31, RemCap=328.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41899.45

--------------------------------------------------

Ep 45/50 | Reward 5511.57 | Loss 991782810.15 | Dist 1517.61 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 20, 54, 13, 3, 4, 12, 14, 18, 61, 5, 53, 37, 15, 75, 6, 17, 66, 7, 8, 10, 9, 42, 22, 2, 11, 65, 1, 34, 0], Distance=354.94, RemCap=5.0

Vehicle 1: Route=[0, 39, 69, 71, 80, 33, 67, 52, 46, 47, 51, 26, 44, 29, 0], Distance=214.83, RemCap=251.0

Vehicle 2: Route=[0, 59, 63, 43, 30, 41, 57, 55, 56, 74, 64, 23, 0], Distance=267.69, RemCap=267.0

Vehicle 3: Route=[0, 77, 62, 38, 60, 48, 28, 25, 40, 35, 79, 0], Distance=274.14, RemCap=314.0

Vehicle 4: Route=[0, 76, 31, 36, 21, 73, 58, 0], Distance=164.10, RemCap=405.0

Vehicle 5: Route=[0, 70, 27, 32, 24, 68, 0], Distance=123.54, RemCap=412.0

Vehicle 6: Route=[0, 45, 78, 49, 72, 50, 0], Distance=118.37, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40084.90

--------------------------------------------------

Ep 46/50 | Reward 4948.81 | Loss 822333347.83 | Dist 1478.97 | Vehl 7

Vehicle 0: Route=[0, 16, 20, 52, 47, 45, 17, 24, 8, 7, 10, 9, 2, 11, 1, 72, 12, 4, 3, 19, 67, 13, 14, 18, 5, 49, 37, 15, 6, 26, 31, 23, 0], Distance=363.82, RemCap=4.0

Vehicle 1: Route=[0, 68, 21, 63, 75, 28, 60, 56, 38, 57, 65, 22, 30, 43, 0], Distance=233.55, RemCap=207.0

Vehicle 2: Route=[0, 46, 79, 59, 42, 32, 39, 69, 41, 70, 27, 0], Distance=221.12, RemCap=309.0

Vehicle 3: Route=[0, 54, 76, 61, 36, 77, 66, 62, 50, 0], Distance=200.63, RemCap=350.0

Vehicle 4: Route=[0, 51, 40, 58, 73, 55, 33, 0], Distance=175.25, RemCap=353.0

Vehicle 5: Route=[0, 25, 44, 35, 64, 74, 78, 0], Distance=131.02, RemCap=428.0

Vehicle 6: Route=[0, 29, 48, 53, 80, 71, 34, 0], Distance=153.59, RemCap=386.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43568.54

--------------------------------------------------

Ep 47/50 | Reward 5659.91 | Loss 1054106526.99 | Dist 1506.28 | Vehl 7

Vehicle 0: Route=[0, 19, 16, 20, 45, 17, 8, 43, 77, 7, 32, 10, 9, 2, 11, 1, 3, 4, 12, 38, 71, 14, 18, 13, 54, 76, 74, 5, 48, 15, 6, 35, 0], Distance=356.81, RemCap=2.0

Vehicle 1: Route=[0, 42, 24, 73, 22, 70, 56, 60, 78, 52, 68, 75, 44, 0], Distance=290.07, RemCap=281.0

Vehicle 2: Route=[0, 39, 69, 55, 80, 33, 46, 64, 28, 40, 36, 79, 23, 0], Distance=211.12, RemCap=264.0

Vehicle 3: Route=[0, 59, 50, 67, 47, 63, 31, 37, 49, 53, 0], Distance=185.34, RemCap=325.0

Vehicle 4: Route=[0, 41, 65, 30, 66, 58, 21, 26, 61, 0], Distance=208.96, RemCap=328.0

Vehicle 5: Route=[0, 51, 62, 27, 72, 34, 0], Distance=140.46, RemCap=394.0

Vehicle 6: Route=[0, 29, 25, 57, 0], Distance=113.53, RemCap=443.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38603.55

--------------------------------------------------

Ep 48/50 | Reward 5247.02 | Loss 846510865.33 | Dist 1702.03 | Vehl 7

Vehicle 0: Route=[0, 16, 19, 13, 20, 15, 79, 6, 51, 63, 17, 8, 66, 7, 30, 10, 9, 2, 11, 1, 65, 3, 4, 12, 38, 14, 18, 5, 49, 76, 78, 0], Distance=351.71, RemCap=0.0

Vehicle 1: Route=[0, 59, 42, 32, 62, 27, 55, 71, 50, 52, 60, 64, 75, 31, 25, 0], Distance=273.15, RemCap=268.0

Vehicle 2: Route=[0, 68, 45, 37, 35, 77, 39, 72, 33, 56, 80, 0], Distance=272.76, RemCap=269.0

Vehicle 3: Route=[0, 24, 73, 34, 70, 54, 74, 47, 28, 36, 44, 0], Distance=236.21, RemCap=349.0

Vehicle 4: Route=[0, 41, 22, 43, 40, 46, 61, 48, 0], Distance=213.88, RemCap=312.0

Vehicle 5: Route=[0, 69, 58, 29, 53, 23, 0], Distance=201.47, RemCap=430.0

Vehicle 6: Route=[0, 21, 26, 57, 67, 0], Distance=152.85, RemCap=409.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41644.72

--------------------------------------------------

Ep 49/50 | Reward 5291.86 | Loss 914528202.65 | Dist 1573.27 | Vehl 7

Vehicle 0: Route=[0, 16, 19, 13, 20, 29, 17, 7, 8, 9, 10, 22, 2, 11, 1, 72, 3, 4, 12, 38, 14, 18, 5, 49, 64, 75, 15, 35, 6, 51, 0], Distance=344.77, RemCap=21.0

Vehicle 1: Route=[0, 42, 69, 34, 67, 47, 28, 53, 37, 26, 44, 77, 43, 30, 0], Distance=278.93, RemCap=271.0

Vehicle 2: Route=[0, 68, 21, 59, 24, 65, 41, 55, 71, 80, 56, 48, 0], Distance=210.96, RemCap=275.0

Vehicle 3: Route=[0, 62, 27, 57, 33, 60, 76, 74, 31, 63, 25, 0], Distance=217.07, RemCap=320.0

Vehicle 4: Route=[0, 52, 54, 70, 32, 58, 40, 36, 23, 0], Distance=220.37, RemCap=370.0

Vehicle 5: Route=[0, 46, 78, 79, 66, 39, 50, 0], Distance=199.35, RemCap=366.0

Vehicle 6: Route=[0, 61, 45, 73, 0], Distance=101.82, RemCap=414.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43193.91

--------------------------------------------------

Ep 50/50 | Reward 4630.46 | Loss 719507548.14 | Dist 1635.07 | Vehl 7

Vehicle 0: Route=[0, 50, 16, 52, 20, 76, 13, 19, 3, 4, 12, 57, 71, 14, 18, 5, 15, 26, 6, 40, 63, 17, 7, 8, 10, 9, 73, 1, 69, 11, 2, 22, 0], Distance=358.09, RemCap=4.0

Vehicle 1: Route=[0, 66, 30, 32, 39, 65, 70, 38, 80, 78, 53, 28, 23, 44, 0], Distance=259.58, RemCap=273.0

Vehicle 2: Route=[0, 72, 77, 21, 25, 31, 64, 67, 33, 49, 60, 0], Distance=264.04, RemCap=292.0

Vehicle 3: Route=[0, 74, 45, 29, 58, 59, 43, 62, 27, 0], Distance=189.27, RemCap=357.0

Vehicle 4: Route=[0, 68, 75, 51, 35, 37, 56, 34, 0], Distance=183.93, RemCap=350.0

Vehicle 5: Route=[0, 55, 54, 61, 46, 79, 47, 0], Distance=178.60, RemCap=351.0

Vehicle 6: Route=[0, 41, 42, 48, 36, 24, 0], Distance=201.58, RemCap=410.0

Total vehicle waiting time = 0.00

Total customer waiting time = 46291.83

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--- Training with max\_vehicles = 8 ---

Ep 1/50 | Reward 5210.68 | Loss 986773028.94 | Dist 1766.81 | Vehl 8

Vehicle 0: Route=[0, 59, 68, 47, 20, 54, 13, 67, 16, 19, 3, 4, 12, 1, 11, 2, 10, 9, 8, 7, 17, 6, 26, 40, 51, 25, 15, 74, 5, 60, 18, 14, 71, 0], Distance=381.38, RemCap=6.0

Vehicle 1: Route=[0, 22, 32, 30, 24, 58, 45, 78, 37, 44, 23, 0], Distance=235.30, RemCap=306.0

Vehicle 2: Route=[0, 29, 62, 65, 27, 38, 49, 64, 28, 0], Distance=202.71, RemCap=345.0

Vehicle 3: Route=[0, 34, 72, 73, 42, 66, 79, 63, 61, 75, 0], Distance=220.42, RemCap=325.0

Vehicle 4: Route=[0, 57, 80, 56, 53, 21, 36, 0], Distance=201.04, RemCap=349.0

Vehicle 5: Route=[0, 46, 76, 31, 35, 77, 41, 0], Distance=197.16, RemCap=413.0

Vehicle 6: Route=[0, 50, 55, 69, 43, 48, 52, 0], Distance=200.13, RemCap=366.0

Vehicle 7: Route=[0, 33, 39, 70, 0], Distance=128.68, RemCap=427.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40215.13

--------------------------------------------------

Ep 2/50 | Reward 5127.97 | Loss 922876510.57 | Dist 1704.25 | Vehl 8

Vehicle 0: Route=[0, 59, 17, 66, 7, 8, 9, 10, 2, 11, 39, 1, 27, 12, 4, 3, 19, 16, 20, 13, 71, 14, 18, 76, 78, 5, 48, 15, 25, 40, 6, 36, 26, 0], Distance=361.53, RemCap=5.0

Vehicle 1: Route=[0, 34, 65, 42, 32, 43, 29, 51, 28, 37, 53, 33, 0], Distance=217.10, RemCap=283.0

Vehicle 2: Route=[0, 24, 21, 45, 63, 79, 75, 52, 38, 72, 69, 0], Distance=233.53, RemCap=311.0

Vehicle 3: Route=[0, 50, 56, 67, 68, 77, 44, 31, 64, 0], Distance=234.48, RemCap=341.0

Vehicle 4: Route=[0, 22, 62, 57, 61, 49, 46, 47, 0], Distance=149.60, RemCap=314.0

Vehicle 5: Route=[0, 23, 60, 41, 30, 0], Distance=218.87, RemCap=410.0

Vehicle 6: Route=[0, 58, 73, 54, 55, 70, 0], Distance=146.08, RemCap=413.0

Vehicle 7: Route=[0, 80, 74, 35, 0], Distance=143.05, RemCap=460.0

Total vehicle waiting time = 10.61

Total customer waiting time = 40819.55

--------------------------------------------------

Ep 3/50 | Reward 5024.68 | Loss 864808440.57 | Dist 1625.76 | Vehl 8

Vehicle 0: Route=[0, 59, 17, 6, 79, 26, 15, 61, 5, 60, 18, 14, 13, 20, 16, 19, 3, 4, 12, 70, 65, 1, 69, 11, 2, 10, 9, 8, 30, 7, 77, 0], Distance=348.23, RemCap=4.0

Vehicle 1: Route=[0, 68, 80, 56, 71, 38, 41, 62, 43, 58, 25, 37, 31, 0], Distance=283.76, RemCap=288.0

Vehicle 2: Route=[0, 47, 52, 67, 27, 22, 42, 29, 40, 44, 23, 0], Distance=217.51, RemCap=317.0

Vehicle 3: Route=[0, 50, 34, 55, 76, 49, 53, 74, 51, 75, 0], Distance=159.92, RemCap=306.0

Vehicle 4: Route=[0, 73, 66, 45, 33, 64, 28, 0], Distance=173.99, RemCap=395.0

Vehicle 5: Route=[0, 32, 63, 36, 48, 78, 57, 46, 0], Distance=223.11, RemCap=363.0

Vehicle 6: Route=[0, 24, 39, 72, 54, 0], Distance=128.96, RemCap=400.0

Vehicle 7: Route=[0, 35, 21, 0], Distance=90.27, RemCap=464.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41416.21

--------------------------------------------------

Ep 4/50 | Reward 5096.52 | Loss 921260094.75 | Dist 1617.18 | Vehl 8

Vehicle 0: Route=[0, 17, 24, 8, 43, 7, 10, 9, 2, 11, 65, 1, 19, 3, 4, 12, 57, 14, 18, 33, 13, 16, 20, 60, 5, 75, 28, 15, 31, 6, 26, 0], Distance=359.55, RemCap=1.0

Vehicle 1: Route=[0, 58, 77, 44, 79, 37, 53, 74, 71, 38, 72, 39, 22, 0], Distance=265.58, RemCap=252.0

Vehicle 2: Route=[0, 52, 64, 55, 70, 30, 66, 29, 0], Distance=194.33, RemCap=386.0

Vehicle 3: Route=[0, 45, 36, 32, 42, 27, 67, 56, 80, 0], Distance=244.21, RemCap=338.0

Vehicle 4: Route=[0, 50, 34, 41, 51, 46, 78, 0], Distance=159.22, RemCap=377.0

Vehicle 5: Route=[0, 21, 25, 47, 76, 48, 35, 23, 0], Distance=156.77, RemCap=391.0

Vehicle 6: Route=[0, 73, 68, 54, 61, 49, 40, 63, 0], Distance=157.68, RemCap=322.0

Vehicle 7: Route=[0, 59, 69, 62, 0], Distance=79.85, RemCap=470.0

Total vehicle waiting time = 9.94

Total customer waiting time = 40687.41

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Ep 5/50 | Reward 4633.14 | Loss 767842187.54 | Dist 1677.78 | Vehl 8

Vehicle 0: Route=[0, 19, 3, 4, 12, 57, 80, 14, 56, 18, 13, 16, 20, 54, 5, 49, 15, 25, 40, 6, 17, 7, 8, 9, 10, 2, 1, 41, 0], Distance=336.46, RemCap=8.0

Vehicle 1: Route=[0, 47, 64, 37, 51, 29, 66, 43, 22, 11, 71, 55, 0], Distance=227.40, RemCap=293.0

Vehicle 2: Route=[0, 46, 74, 78, 60, 31, 24, 32, 70, 39, 62, 0], Distance=246.84, RemCap=328.0

Vehicle 3: Route=[0, 76, 53, 75, 79, 63, 21, 65, 27, 38, 0], Distance=238.81, RemCap=317.0

Vehicle 4: Route=[0, 50, 69, 30, 59, 68, 52, 67, 33, 48, 0], Distance=204.45, RemCap=320.0

Vehicle 5: Route=[0, 61, 72, 34, 77, 58, 45, 0], Distance=169.57, RemCap=365.0

Vehicle 6: Route=[0, 42, 28, 23, 36, 26, 0], Distance=129.90, RemCap=459.0

Vehicle 7: Route=[0, 73, 44, 35, 0], Distance=124.34, RemCap=447.0

Total vehicle waiting time = 211.66

Total customer waiting time = 47224.72

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Ep 6/50 | Reward 4937.14 | Loss 856003563.18 | Dist 1505.16 | Vehl 8

Vehicle 0: Route=[0, 68, 17, 66, 77, 7, 8, 9, 10, 22, 62, 2, 11, 39, 1, 41, 12, 55, 4, 3, 67, 19, 16, 52, 20, 13, 14, 18, 5, 53, 15, 6, 25, 0], Distance=340.81, RemCap=2.0

Vehicle 1: Route=[0, 57, 80, 33, 76, 60, 49, 61, 59, 58, 42, 0], Distance=143.95, RemCap=257.0

Vehicle 2: Route=[0, 65, 70, 71, 74, 48, 23, 35, 36, 75, 0], Distance=200.56, RemCap=376.0

Vehicle 3: Route=[0, 64, 31, 44, 29, 45, 73, 69, 0], Distance=175.88, RemCap=381.0

Vehicle 4: Route=[0, 38, 56, 78, 46, 47, 37, 79, 63, 0], Distance=214.95, RemCap=335.0

Vehicle 5: Route=[0, 51, 24, 30, 32, 72, 0], Distance=139.18, RemCap=383.0

Vehicle 6: Route=[0, 50, 27, 43, 28, 40, 26, 0], Distance=202.13, RemCap=371.0

Vehicle 7: Route=[0, 21, 54, 34, 0], Distance=87.70, RemCap=432.0

Total vehicle waiting time = 10.61

Total customer waiting time = 41483.45

--------------------------------------------------

Ep 7/50 | Reward 4970.09 | Loss 827218813.24 | Dist 1729.15 | Vehl 8

Vehicle 0: Route=[0, 68, 42, 17, 66, 7, 8, 9, 10, 32, 2, 11, 69, 1, 72, 70, 12, 4, 3, 19, 16, 20, 54, 13, 14, 18, 5, 15, 6, 79, 23, 0], Distance=357.14, RemCap=62.0

Vehicle 1: Route=[0, 30, 63, 52, 76, 60, 64, 48, 35, 37, 0], Distance=241.47, RemCap=320.0

Vehicle 2: Route=[0, 58, 62, 50, 71, 46, 51, 40, 31, 28, 0], Distance=226.10, RemCap=348.0

Vehicle 3: Route=[0, 29, 44, 26, 61, 56, 38, 57, 41, 22, 77, 0], Distance=270.02, RemCap=261.0

Vehicle 4: Route=[0, 67, 55, 39, 59, 21, 75, 78, 53, 0], Distance=193.93, RemCap=341.0

Vehicle 5: Route=[0, 73, 24, 45, 49, 74, 47, 0], Distance=129.88, RemCap=365.0

Vehicle 6: Route=[0, 43, 65, 80, 33, 34, 0], Distance=158.21, RemCap=383.0

Vehicle 7: Route=[0, 25, 36, 27, 0], Distance=152.40, RemCap=457.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42672.58

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Ep 8/50 | Reward 4448.73 | Loss 658415319.41 | Dist 1705.70 | Vehl 8

Vehicle 0: Route=[0, 19, 50, 34, 1, 62, 11, 3, 4, 12, 38, 18, 14, 33, 13, 20, 5, 15, 23, 31, 35, 6, 63, 17, 7, 8, 10, 9, 21, 0], Distance=340.33, RemCap=76.0

Vehicle 1: Route=[0, 47, 40, 44, 79, 76, 16, 73, 30, 2, 65, 55, 57, 0], Distance=282.53, RemCap=222.0

Vehicle 2: Route=[0, 59, 32, 77, 26, 28, 48, 78, 71, 72, 0], Distance=223.97, RemCap=370.0

Vehicle 3: Route=[0, 22, 24, 29, 25, 68, 54, 56, 61, 64, 0], Distance=229.66, RemCap=313.0

Vehicle 4: Route=[0, 51, 36, 53, 49, 46, 70, 80, 0], Distance=205.07, RemCap=358.0

Vehicle 5: Route=[0, 74, 75, 66, 43, 42, 0], Distance=126.05, RemCap=423.0

Vehicle 6: Route=[0, 39, 41, 67, 60, 37, 58, 0], Distance=183.54, RemCap=354.0

Vehicle 7: Route=[0, 45, 52, 27, 69, 0], Distance=114.55, RemCap=421.0

Total vehicle waiting time = 85.18

Total customer waiting time = 45972.66

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Ep 9/50 | Reward 5123.80 | Loss 911177596.23 | Dist 1652.94 | Vehl 8

Vehicle 0: Route=[0, 19, 16, 20, 5, 18, 56, 14, 13, 71, 55, 12, 4, 3, 72, 27, 2, 11, 1, 73, 9, 10, 8, 7, 77, 17, 36, 6, 15, 63, 47, 68, 0], Distance=359.09, RemCap=3.0

Vehicle 1: Route=[0, 57, 59, 24, 43, 29, 44, 26, 64, 46, 25, 45, 0], Distance=230.40, RemCap=294.0

Vehicle 2: Route=[0, 62, 69, 67, 76, 60, 49, 40, 31, 23, 0], Distance=202.65, RemCap=335.0

Vehicle 3: Route=[0, 66, 22, 39, 65, 38, 80, 74, 48, 53, 0], Distance=218.62, RemCap=309.0

Vehicle 4: Route=[0, 54, 21, 30, 42, 34, 41, 0], Distance=165.28, RemCap=373.0

Vehicle 5: Route=[0, 33, 50, 58, 51, 35, 37, 0], Distance=182.80, RemCap=364.0

Vehicle 6: Route=[0, 52, 75, 28, 32, 70, 0], Distance=166.52, RemCap=439.0

Vehicle 7: Route=[0, 79, 78, 61, 0], Distance=127.59, RemCap=420.0

Total vehicle waiting time = 0.00

Total customer waiting time = 39745.75

--------------------------------------------------

Ep 10/50 | Reward 4687.77 | Loss 730408955.97 | Dist 1638.64 | Vehl 8

Vehicle 0: Route=[0, 16, 20, 54, 13, 19, 3, 4, 12, 14, 18, 5, 78, 76, 74, 28, 15, 40, 6, 26, 36, 58, 17, 7, 8, 9, 10, 2, 11, 41, 1, 50, 0], Distance=340.35, RemCap=41.0

Vehicle 1: Route=[0, 47, 49, 53, 35, 44, 43, 30, 70, 42, 59, 21, 0], Distance=256.09, RemCap=281.0

Vehicle 2: Route=[0, 34, 72, 27, 39, 22, 32, 77, 45, 64, 75, 0], Distance=174.41, RemCap=274.0

Vehicle 3: Route=[0, 24, 65, 55, 61, 48, 23, 79, 63, 0], Distance=227.41, RemCap=320.0

Vehicle 4: Route=[0, 73, 57, 80, 33, 67, 25, 51, 46, 0], Distance=155.31, RemCap=324.0

Vehicle 5: Route=[0, 71, 31, 29, 66, 69, 0], Distance=220.65, RemCap=446.0

Vehicle 6: Route=[0, 56, 38, 0], Distance=93.13, RemCap=445.0

Vehicle 7: Route=[0, 62, 68, 37, 60, 52, 0], Distance=171.28, RemCap=406.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44978.06

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Ep 11/50 | Reward 4524.57 | Loss 706039675.69 | Dist 1802.75 | Vehl 8

Vehicle 0: Route=[0, 19, 16, 46, 28, 15, 25, 6, 36, 37, 53, 5, 20, 13, 18, 14, 3, 4, 12, 70, 27, 1, 11, 9, 10, 30, 7, 8, 17, 59, 0], Distance=357.44, RemCap=77.0

Vehicle 1: Route=[0, 60, 71, 72, 2, 42, 58, 45, 63, 31, 26, 79, 0], Distance=249.26, RemCap=316.0

Vehicle 2: Route=[0, 24, 32, 41, 80, 33, 78, 40, 44, 48, 0], Distance=255.10, RemCap=301.0

Vehicle 3: Route=[0, 75, 49, 67, 57, 38, 62, 77, 66, 29, 0], Distance=215.65, RemCap=313.0

Vehicle 4: Route=[0, 65, 55, 52, 68, 47, 64, 74, 0], Distance=166.44, RemCap=383.0

Vehicle 5: Route=[0, 73, 39, 50, 76, 51, 21, 0], Distance=155.38, RemCap=344.0

Vehicle 6: Route=[0, 22, 34, 61, 35, 0], Distance=177.72, RemCap=411.0

Vehicle 7: Route=[0, 69, 43, 23, 54, 56, 0], Distance=225.76, RemCap=392.0

Total vehicle waiting time = 143.03

Total customer waiting time = 42888.45

--------------------------------------------------

Ep 12/50 | Reward 4575.77 | Loss 738641030.17 | Dist 1712.03 | Vehl 8

Vehicle 0: Route=[0, 19, 16, 20, 28, 25, 6, 44, 15, 49, 5, 18, 14, 54, 13, 57, 12, 4, 3, 34, 1, 69, 11, 2, 29, 17, 9, 10, 8, 7, 77, 0], Distance=391.53, RemCap=18.0

Vehicle 1: Route=[0, 24, 43, 58, 52, 37, 78, 76, 56, 55, 70, 0], Distance=227.53, RemCap=313.0

Vehicle 2: Route=[0, 73, 32, 66, 40, 23, 46, 38, 41, 65, 22, 0], Distance=245.46, RemCap=310.0

Vehicle 3: Route=[0, 68, 67, 33, 60, 75, 47, 63, 51, 79, 0], Distance=181.30, RemCap=308.0

Vehicle 4: Route=[0, 50, 42, 30, 36, 26, 35, 74, 0], Distance=170.38, RemCap=394.0

Vehicle 5: Route=[0, 59, 72, 80, 61, 53, 45, 0], Distance=150.38, RemCap=370.0

Vehicle 6: Route=[0, 62, 27, 64, 0], Distance=137.36, RemCap=441.0

Vehicle 7: Route=[0, 21, 39, 71, 48, 31, 0], Distance=208.09, RemCap=383.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43892.58

--------------------------------------------------

Ep 13/50 | Reward 5094.41 | Loss 880590555.09 | Dist 1785.66 | Vehl 8

Vehicle 0: Route=[0, 1, 69, 11, 2, 10, 9, 8, 7, 17, 42, 21, 68, 47, 6, 15, 48, 5, 46, 20, 16, 19, 13, 14, 18, 38, 12, 4, 3, 57, 80, 0], Distance=377.72, RemCap=4.0

Vehicle 1: Route=[0, 45, 66, 62, 41, 70, 71, 60, 53, 61, 26, 25, 75, 0], Distance=276.96, RemCap=301.0

Vehicle 2: Route=[0, 33, 35, 58, 77, 32, 22, 65, 72, 0], Distance=223.52, RemCap=349.0

Vehicle 3: Route=[0, 28, 37, 55, 27, 39, 50, 73, 30, 59, 0], Distance=244.07, RemCap=293.0

Vehicle 4: Route=[0, 34, 43, 36, 51, 78, 52, 67, 0], Distance=192.73, RemCap=370.0

Vehicle 5: Route=[0, 24, 31, 64, 76, 54, 56, 0], Distance=186.24, RemCap=383.0

Vehicle 6: Route=[0, 29, 74, 23, 79, 40, 0], Distance=154.65, RemCap=406.0

Vehicle 7: Route=[0, 49, 44, 63, 0], Distance=129.77, RemCap=431.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40821.55

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Ep 14/50 | Reward 4867.82 | Loss 827173431.67 | Dist 1733.88 | Vehl 8

Vehicle 0: Route=[0, 68, 58, 17, 66, 77, 7, 8, 9, 10, 2, 11, 1, 73, 19, 3, 4, 12, 80, 14, 18, 33, 13, 16, 20, 5, 53, 46, 47, 25, 6, 36, 15, 28, 0], Distance=375.55, RemCap=8.0

Vehicle 1: Route=[0, 75, 35, 44, 40, 29, 24, 32, 22, 41, 55, 54, 56, 71, 0], Distance=276.52, RemCap=240.0

Vehicle 2: Route=[0, 50, 59, 45, 61, 76, 57, 34, 39, 27, 0], Distance=185.44, RemCap=261.0

Vehicle 3: Route=[0, 42, 30, 26, 63, 67, 78, 49, 64, 48, 0], Distance=226.95, RemCap=327.0

Vehicle 4: Route=[0, 31, 79, 37, 52, 72, 0], Distance=166.24, RemCap=402.0

Vehicle 5: Route=[0, 69, 70, 38, 51, 74, 0], Distance=188.50, RemCap=425.0

Vehicle 6: Route=[0, 60, 43, 62, 0], Distance=169.55, RemCap=430.0

Vehicle 7: Route=[0, 65, 23, 21, 0], Distance=145.13, RemCap=444.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41464.34

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Ep 15/50 | Reward 5171.73 | Loss 1033051001.83 | Dist 1640.60 | Vehl 8

Vehicle 0: Route=[0, 1, 11, 2, 10, 9, 8, 7, 17, 6, 44, 79, 15, 28, 64, 5, 74, 46, 20, 16, 19, 13, 33, 14, 18, 56, 57, 3, 4, 12, 70, 0], Distance=355.26, RemCap=3.0

Vehicle 1: Route=[0, 34, 22, 68, 52, 67, 54, 78, 49, 37, 25, 63, 45, 0], Distance=195.87, RemCap=284.0

Vehicle 2: Route=[0, 51, 35, 48, 75, 47, 80, 69, 62, 32, 43, 24, 0], Distance=235.66, RemCap=282.0

Vehicle 3: Route=[0, 59, 50, 55, 53, 23, 40, 0], Distance=183.44, RemCap=383.0

Vehicle 4: Route=[0, 73, 42, 21, 76, 71, 38, 0], Distance=145.60, RemCap=402.0

Vehicle 5: Route=[0, 31, 58, 30, 72, 65, 39, 0], Distance=190.54, RemCap=367.0

Vehicle 6: Route=[0, 60, 61, 77, 27, 41, 0], Distance=200.29, RemCap=360.0

Vehicle 7: Route=[0, 26, 36, 29, 66, 0], Distance=133.94, RemCap=456.0

Total vehicle waiting time = 0.00

Total customer waiting time = 34980.68

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Ep 16/50 | Reward 5336.01 | Loss 924931883.06 | Dist 1651.23 | Vehl 8

Vehicle 0: Route=[0, 16, 20, 54, 33, 13, 19, 1, 11, 2, 10, 9, 8, 7, 17, 29, 6, 44, 26, 31, 51, 75, 15, 5, 60, 18, 14, 80, 3, 4, 12, 70, 0], Distance=365.82, RemCap=1.0

Vehicle 1: Route=[0, 50, 71, 46, 78, 37, 25, 43, 77, 62, 41, 65, 39, 0], Distance=257.24, RemCap=268.0

Vehicle 2: Route=[0, 63, 23, 79, 30, 27, 55, 56, 38, 0], Distance=249.39, RemCap=316.0

Vehicle 3: Route=[0, 45, 40, 47, 74, 49, 53, 57, 34, 73, 0], Distance=187.01, RemCap=276.0

Vehicle 4: Route=[0, 76, 61, 64, 68, 42, 32, 22, 72, 0], Distance=171.13, RemCap=352.0

Vehicle 5: Route=[0, 67, 52, 36, 21, 59, 0], Distance=119.81, RemCap=423.0

Vehicle 6: Route=[0, 69, 66, 58, 28, 35, 0], Distance=186.86, RemCap=452.0

Vehicle 7: Route=[0, 24, 48, 0], Distance=113.98, RemCap=449.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38704.61

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Ep 17/50 | Reward 4900.77 | Loss 882279599.26 | Dist 1621.87 | Vehl 8

Vehicle 0: Route=[0, 58, 8, 43, 7, 10, 9, 62, 2, 11, 1, 65, 70, 12, 4, 3, 14, 18, 13, 20, 5, 48, 15, 75, 6, 29, 45, 68, 16, 19, 50, 0], Distance=357.94, RemCap=10.0

Vehicle 1: Route=[0, 28, 79, 63, 17, 59, 34, 55, 38, 27, 69, 0], Distance=231.98, RemCap=342.0

Vehicle 2: Route=[0, 67, 56, 57, 39, 32, 77, 35, 31, 25, 21, 42, 0], Distance=245.32, RemCap=272.0

Vehicle 3: Route=[0, 47, 46, 49, 37, 26, 44, 40, 66, 0], Distance=178.08, RemCap=329.0

Vehicle 4: Route=[0, 72, 71, 80, 36, 23, 0], Distance=167.93, RemCap=433.0

Vehicle 5: Route=[0, 74, 78, 60, 64, 51, 30, 22, 0], Distance=179.97, RemCap=351.0

Vehicle 6: Route=[0, 24, 41, 33, 54, 76, 53, 0], Distance=169.88, RemCap=379.0

Vehicle 7: Route=[0, 73, 61, 52, 0], Distance=90.78, RemCap=421.0

Total vehicle waiting time = 9.94

Total customer waiting time = 40013.23

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Ep 18/50 | Reward 5458.78 | Loss 1063245925.10 | Dist 1768.37 | Vehl 8

Vehicle 0: Route=[0, 51, 31, 6, 17, 7, 8, 9, 10, 2, 11, 39, 41, 1, 50, 3, 4, 12, 14, 18, 33, 13, 19, 16, 52, 20, 5, 48, 15, 28, 0], Distance=370.01, RemCap=5.0

Vehicle 1: Route=[0, 57, 72, 34, 42, 29, 40, 36, 79, 26, 60, 76, 54, 0], Distance=217.52, RemCap=258.0

Vehicle 2: Route=[0, 68, 21, 47, 46, 61, 78, 56, 38, 73, 27, 0], Distance=198.46, RemCap=267.0

Vehicle 3: Route=[0, 58, 35, 75, 74, 55, 62, 43, 0], Distance=240.07, RemCap=386.0

Vehicle 4: Route=[0, 67, 71, 70, 22, 45, 64, 23, 0], Distance=216.29, RemCap=398.0

Vehicle 5: Route=[0, 65, 24, 59, 63, 37, 49, 80, 0], Distance=209.36, RemCap=356.0

Vehicle 6: Route=[0, 53, 25, 66, 77, 69, 0], Distance=182.38, RemCap=437.0

Vehicle 7: Route=[0, 44, 30, 32, 0], Distance=134.27, RemCap=430.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37751.02

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Ep 19/50 | Reward 5290.35 | Loss 1008847893.88 | Dist 1706.29 | Vehl 8

Vehicle 0: Route=[0, 16, 19, 3, 4, 12, 57, 14, 56, 18, 5, 13, 20, 63, 15, 31, 26, 79, 6, 40, 17, 1, 11, 2, 62, 10, 9, 8, 66, 7, 77, 0], Distance=374.71, RemCap=5.0

Vehicle 1: Route=[0, 68, 29, 23, 37, 28, 47, 64, 53, 74, 61, 67, 71, 73, 0], Distance=236.18, RemCap=280.0

Vehicle 2: Route=[0, 22, 39, 65, 72, 80, 50, 46, 35, 48, 0], Distance=219.71, RemCap=298.0

Vehicle 3: Route=[0, 70, 49, 75, 51, 21, 43, 59, 0], Distance=194.75, RemCap=341.0

Vehicle 4: Route=[0, 44, 76, 54, 33, 38, 41, 32, 58, 0], Distance=240.01, RemCap=343.0

Vehicle 5: Route=[0, 34, 69, 30, 25, 78, 52, 0], Distance=169.85, RemCap=412.0

Vehicle 6: Route=[0, 55, 60, 36, 45, 0], Distance=168.44, RemCap=417.0

Vehicle 7: Route=[0, 27, 24, 42, 0], Distance=102.63, RemCap=441.0

Total vehicle waiting time = 9.94

Total customer waiting time = 37734.77

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Ep 20/50 | Reward 5149.11 | Loss 939927551.68 | Dist 1832.76 | Vehl 8

Vehicle 0: Route=[0, 19, 3, 4, 12, 55, 71, 80, 14, 18, 13, 16, 20, 5, 78, 75, 28, 15, 31, 26, 6, 63, 21, 17, 7, 8, 10, 9, 73, 1, 11, 2, 27, 72, 0], Distance=368.54, RemCap=4.0

Vehicle 1: Route=[0, 34, 65, 45, 51, 64, 52, 67, 56, 76, 74, 48, 0], Distance=241.79, RemCap=272.0

Vehicle 2: Route=[0, 58, 37, 46, 54, 50, 69, 70, 0], Distance=205.19, RemCap=377.0

Vehicle 3: Route=[0, 61, 44, 25, 47, 68, 59, 39, 66, 24, 0], Distance=236.85, RemCap=325.0

Vehicle 4: Route=[0, 53, 33, 57, 42, 29, 43, 0], Distance=187.52, RemCap=359.0

Vehicle 5: Route=[0, 38, 41, 30, 77, 79, 49, 0], Distance=242.35, RemCap=340.0

Vehicle 6: Route=[0, 22, 32, 35, 60, 0], Distance=194.30, RemCap=420.0

Vehicle 7: Route=[0, 62, 40, 36, 23, 0], Distance=156.20, RemCap=440.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38812.99

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Ep 21/50 | Reward 4790.89 | Loss 745463363.27 | Dist 1734.28 | Vehl 8

Vehicle 0: Route=[0, 68, 21, 17, 8, 66, 7, 32, 10, 9, 1, 22, 2, 11, 41, 12, 4, 3, 57, 14, 18, 13, 19, 16, 52, 20, 15, 31, 6, 63, 45, 0], Distance=324.06, RemCap=12.0

Vehicle 1: Route=[0, 58, 42, 73, 34, 38, 33, 5, 79, 35, 64, 54, 0], Distance=244.27, RemCap=293.0

Vehicle 2: Route=[0, 69, 62, 30, 59, 46, 49, 53, 48, 26, 51, 25, 0], Distance=229.67, RemCap=289.0

Vehicle 3: Route=[0, 50, 72, 24, 29, 23, 28, 76, 0], Distance=177.74, RemCap=400.0

Vehicle 4: Route=[0, 43, 65, 70, 80, 74, 75, 37, 36, 0], Distance=253.27, RemCap=362.0

Vehicle 5: Route=[0, 67, 55, 56, 47, 40, 0], Distance=165.50, RemCap=381.0

Vehicle 6: Route=[0, 39, 27, 61, 78, 0], Distance=132.60, RemCap=380.0

Vehicle 7: Route=[0, 71, 60, 44, 77, 0], Distance=207.17, RemCap=420.0

Total vehicle waiting time = 63.59

Total customer waiting time = 45393.96

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Ep 22/50 | Reward 4648.99 | Loss 775148735.83 | Dist 1652.42 | Vehl 8

Vehicle 0: Route=[0, 73, 1, 39, 11, 2, 41, 72, 3, 4, 71, 14, 18, 13, 19, 16, 20, 5, 28, 15, 31, 6, 29, 17, 24, 9, 10, 8, 30, 7, 66, 0], Distance=334.64, RemCap=23.0

Vehicle 1: Route=[0, 68, 45, 40, 42, 12, 38, 33, 76, 74, 53, 48, 0], Distance=226.32, RemCap=296.0

Vehicle 2: Route=[0, 56, 70, 65, 32, 43, 63, 36, 79, 37, 75, 47, 0], Distance=268.26, RemCap=279.0

Vehicle 3: Route=[0, 22, 77, 52, 78, 61, 54, 80, 57, 0], Distance=198.92, RemCap=311.0

Vehicle 4: Route=[0, 55, 60, 49, 21, 58, 0], Distance=138.18, RemCap=368.0

Vehicle 5: Route=[0, 69, 34, 46, 25, 35, 59, 0], Distance=166.01, RemCap=431.0

Vehicle 6: Route=[0, 51, 64, 67, 62, 50, 0], Distance=153.54, RemCap=399.0

Vehicle 7: Route=[0, 27, 23, 26, 44, 0], Distance=166.55, RemCap=430.0

Total vehicle waiting time = 125.36

Total customer waiting time = 46394.28

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Ep 23/50 | Reward 4512.24 | Loss 685769612.18 | Dist 1640.48 | Vehl 8

Vehicle 0: Route=[0, 19, 57, 4, 72, 1, 11, 2, 10, 9, 8, 7, 77, 66, 17, 6, 36, 26, 23, 15, 37, 5, 18, 14, 13, 16, 20, 46, 47, 0], Distance=333.14, RemCap=61.0

Vehicle 1: Route=[0, 3, 12, 55, 60, 49, 76, 61, 75, 35, 45, 30, 43, 0], Distance=230.83, RemCap=219.0

Vehicle 2: Route=[0, 67, 70, 39, 62, 42, 51, 31, 79, 74, 0], Distance=226.88, RemCap=341.0

Vehicle 3: Route=[0, 58, 68, 53, 78, 50, 41, 38, 80, 0], Distance=195.82, RemCap=354.0

Vehicle 4: Route=[0, 71, 56, 52, 64, 28, 24, 22, 0], Distance=210.06, RemCap=378.0

Vehicle 5: Route=[0, 59, 21, 25, 48, 33, 69, 65, 0], Distance=166.21, RemCap=372.0

Vehicle 6: Route=[0, 54, 29, 63, 0], Distance=92.80, RemCap=454.0

Vehicle 7: Route=[0, 40, 44, 32, 73, 34, 27, 0], Distance=184.75, RemCap=358.0

Total vehicle waiting time = 188.30

Total customer waiting time = 47615.04

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Ep 24/50 | Reward 4957.40 | Loss 875366569.84 | Dist 1812.16 | Vehl 8

Vehicle 0: Route=[0, 50, 34, 1, 2, 11, 72, 12, 4, 57, 14, 18, 5, 49, 13, 19, 16, 20, 47, 15, 6, 21, 17, 24, 9, 10, 8, 7, 32, 0], Distance=355.80, RemCap=1.0

Vehicle 1: Route=[0, 3, 76, 25, 23, 36, 63, 43, 30, 73, 62, 69, 41, 0], Distance=258.51, RemCap=315.0

Vehicle 2: Route=[0, 42, 58, 66, 22, 38, 56, 37, 79, 28, 54, 0], Distance=299.76, RemCap=310.0

Vehicle 3: Route=[0, 39, 70, 55, 33, 75, 26, 64, 60, 78, 0], Distance=238.56, RemCap=320.0

Vehicle 4: Route=[0, 68, 59, 27, 71, 80, 61, 35, 0], Distance=199.42, RemCap=367.0

Vehicle 5: Route=[0, 65, 44, 48, 53, 46, 74, 0], Distance=212.33, RemCap=382.0

Vehicle 6: Route=[0, 77, 40, 51, 45, 0], Distance=122.76, RemCap=397.0

Vehicle 7: Route=[0, 67, 52, 29, 31, 0], Distance=125.03, RemCap=445.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41647.59

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Ep 25/50 | Reward 4485.42 | Loss 662453350.10 | Dist 1817.75 | Vehl 8

Vehicle 0: Route=[0, 50, 1, 11, 2, 62, 10, 9, 8, 7, 17, 58, 45, 6, 36, 26, 15, 48, 64, 5, 18, 14, 80, 12, 4, 3, 19, 16, 13, 54, 20, 52, 0], Distance=339.94, RemCap=4.0

Vehicle 1: Route=[0, 46, 79, 37, 57, 65, 69, 39, 22, 73, 24, 30, 0], Distance=266.98, RemCap=225.0

Vehicle 2: Route=[0, 42, 21, 29, 23, 53, 60, 49, 76, 55, 47, 68, 0], Distance=211.07, RemCap=289.0

Vehicle 3: Route=[0, 67, 61, 59, 77, 63, 40, 35, 0], Distance=203.65, RemCap=366.0

Vehicle 4: Route=[0, 34, 72, 41, 43, 51, 25, 33, 78, 0], Distance=208.39, RemCap=343.0

Vehicle 5: Route=[0, 38, 74, 66, 44, 0], Distance=228.09, RemCap=440.0

Vehicle 6: Route=[0, 32, 31, 71, 70, 0], Distance=206.95, RemCap=455.0

Vehicle 7: Route=[0, 75, 28, 56, 27, 0], Distance=152.69, RemCap=415.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43510.01

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Ep 26/50 | Reward 4682.23 | Loss 724097066.46 | Dist 1702.50 | Vehl 8

Vehicle 0: Route=[0, 34, 1, 39, 11, 2, 9, 10, 7, 8, 24, 17, 59, 6, 35, 23, 15, 76, 53, 5, 60, 18, 14, 12, 4, 3, 13, 19, 16, 20, 46, 47, 0], Distance=351.77, RemCap=4.0

Vehicle 1: Route=[0, 63, 79, 49, 74, 61, 56, 41, 69, 22, 0], Distance=224.06, RemCap=286.0

Vehicle 2: Route=[0, 27, 33, 54, 78, 37, 28, 40, 26, 36, 43, 21, 0], Distance=242.17, RemCap=276.0

Vehicle 3: Route=[0, 55, 80, 52, 45, 66, 44, 75, 64, 0], Distance=225.94, RemCap=354.0

Vehicle 4: Route=[0, 42, 32, 58, 29, 51, 67, 38, 72, 0], Distance=183.29, RemCap=359.0

Vehicle 5: Route=[0, 70, 73, 77, 25, 48, 68, 0], Distance=189.84, RemCap=405.0

Vehicle 6: Route=[0, 31, 50, 62, 65, 0], Distance=157.94, RemCap=433.0

Vehicle 7: Route=[0, 71, 57, 30, 0], Distance=127.49, RemCap=420.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44001.20

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Ep 27/50 | Reward 4910.75 | Loss 849832742.87 | Dist 1572.35 | Vehl 8

Vehicle 0: Route=[0, 25, 48, 37, 15, 36, 6, 40, 45, 17, 7, 8, 9, 10, 62, 2, 11, 1, 3, 4, 12, 55, 14, 56, 18, 5, 13, 20, 16, 19, 34, 0], Distance=377.10, RemCap=3.0

Vehicle 1: Route=[0, 73, 42, 66, 58, 29, 47, 53, 49, 78, 76, 57, 70, 0], Distance=216.01, RemCap=284.0

Vehicle 2: Route=[0, 59, 30, 65, 71, 54, 52, 46, 35, 26, 44, 51, 0], Distance=240.72, RemCap=304.0

Vehicle 3: Route=[0, 22, 39, 41, 27, 67, 33, 60, 63, 21, 0], Distance=179.61, RemCap=282.0

Vehicle 4: Route=[0, 50, 69, 43, 31, 23, 64, 0], Distance=174.44, RemCap=394.0

Vehicle 5: Route=[0, 68, 24, 79, 28, 61, 38, 80, 0], Distance=204.13, RemCap=355.0

Vehicle 6: Route=[0, 74, 75, 77, 32, 0], Distance=135.45, RemCap=432.0

Vehicle 7: Route=[0, 72, 0], Distance=44.88, RemCap=483.0

Total vehicle waiting time = 10.61

Total customer waiting time = 43390.31

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Ep 28/50 | Reward 4944.79 | Loss 821733768.66 | Dist 1624.97 | Vehl 8

Vehicle 0: Route=[0, 19, 3, 4, 12, 80, 14, 18, 13, 16, 20, 54, 5, 53, 15, 75, 47, 63, 6, 35, 44, 17, 66, 7, 8, 9, 10, 2, 11, 1, 41, 27, 70, 0], Distance=388.22, RemCap=5.0

Vehicle 1: Route=[0, 50, 38, 65, 43, 42, 59, 25, 48, 61, 49, 0], Distance=228.37, RemCap=270.0

Vehicle 2: Route=[0, 51, 40, 26, 78, 46, 67, 56, 71, 57, 72, 34, 0], Distance=205.78, RemCap=267.0

Vehicle 3: Route=[0, 73, 22, 30, 29, 31, 23, 28, 74, 0], Distance=185.20, RemCap=381.0

Vehicle 4: Route=[0, 52, 76, 60, 62, 0], Distance=138.49, RemCap=434.0

Vehicle 5: Route=[0, 39, 69, 33, 36, 79, 64, 0], Distance=204.88, RemCap=363.0

Vehicle 6: Route=[0, 68, 37, 45, 77, 32, 0], Distance=155.57, RemCap=399.0

Vehicle 7: Route=[0, 21, 58, 24, 55, 0], Distance=118.46, RemCap=418.0

Total vehicle waiting time = 144.54

Total customer waiting time = 42497.46

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Ep 29/50 | Reward 4672.48 | Loss 751901403.30 | Dist 1665.54 | Vehl 8

Vehicle 0: Route=[0, 19, 3, 4, 12, 38, 18, 14, 13, 67, 16, 20, 54, 60, 5, 28, 15, 26, 44, 6, 25, 17, 77, 7, 43, 8, 9, 10, 2, 11, 1, 27, 0], Distance=364.91, RemCap=6.0

Vehicle 1: Route=[0, 50, 34, 69, 73, 21, 63, 40, 36, 78, 61, 75, 0], Distance=195.42, RemCap=278.0

Vehicle 2: Route=[0, 62, 51, 35, 31, 64, 46, 74, 56, 71, 0], Distance=236.69, RemCap=349.0

Vehicle 3: Route=[0, 72, 70, 32, 58, 79, 23, 53, 52, 0], Distance=229.59, RemCap=366.0

Vehicle 4: Route=[0, 45, 29, 30, 22, 80, 33, 76, 0], Distance=179.34, RemCap=355.0

Vehicle 5: Route=[0, 39, 41, 55, 68, 47, 37, 0], Distance=187.78, RemCap=363.0

Vehicle 6: Route=[0, 49, 57, 65, 42, 0], Distance=138.66, RemCap=391.0

Vehicle 7: Route=[0, 48, 59, 66, 24, 0], Distance=133.16, RemCap=429.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43327.69

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Ep 30/50 | Reward 4791.44 | Loss 738967491.11 | Dist 1729.33 | Vehl 8

Vehicle 0: Route=[0, 16, 19, 50, 1, 39, 11, 2, 65, 3, 4, 12, 14, 13, 54, 20, 76, 61, 5, 37, 15, 6, 17, 8, 7, 32, 10, 9, 42, 59, 0], Distance=321.02, RemCap=1.0

Vehicle 1: Route=[0, 45, 66, 73, 22, 69, 41, 72, 71, 18, 49, 44, 79, 0], Distance=291.19, RemCap=261.0

Vehicle 2: Route=[0, 80, 62, 36, 23, 64, 74, 60, 33, 0], Distance=244.46, RemCap=363.0

Vehicle 3: Route=[0, 57, 56, 46, 78, 48, 35, 40, 25, 58, 0], Distance=199.11, RemCap=308.0

Vehicle 4: Route=[0, 43, 38, 47, 75, 63, 26, 31, 28, 0], Distance=234.29, RemCap=382.0

Vehicle 5: Route=[0, 34, 30, 21, 53, 55, 67, 0], Distance=203.51, RemCap=370.0

Vehicle 6: Route=[0, 70, 27, 29, 68, 52, 0], Distance=127.54, RemCap=422.0

Vehicle 7: Route=[0, 51, 77, 24, 0], Distance=108.21, RemCap=430.0

Total vehicle waiting time = 98.52

Total customer waiting time = 45626.02

--------------------------------------------------

Ep 31/50 | Reward 4930.74 | Loss 828472311.95 | Dist 1681.62 | Vehl 8

Vehicle 0: Route=[0, 21, 17, 8, 9, 10, 7, 77, 44, 6, 23, 15, 61, 5, 18, 14, 13, 67, 19, 3, 4, 12, 70, 41, 2, 11, 1, 34, 16, 52, 20, 46, 0], Distance=365.79, RemCap=1.0

Vehicle 1: Route=[0, 59, 73, 57, 80, 71, 56, 33, 60, 48, 31, 26, 40, 0], Distance=214.15, RemCap=223.0

Vehicle 2: Route=[0, 47, 74, 27, 39, 22, 30, 43, 79, 35, 29, 0], Distance=246.59, RemCap=267.0

Vehicle 3: Route=[0, 55, 72, 65, 62, 45, 36, 76, 37, 0], Distance=262.07, RemCap=365.0

Vehicle 4: Route=[0, 50, 32, 68, 25, 64, 53, 38, 0], Distance=203.81, RemCap=378.0

Vehicle 5: Route=[0, 63, 49, 54, 69, 42, 24, 0], Distance=181.44, RemCap=389.0

Vehicle 6: Route=[0, 75, 28, 58, 66, 0], Distance=115.11, RemCap=454.0

Vehicle 7: Route=[0, 51, 78, 0], Distance=92.66, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43382.73

--------------------------------------------------

Ep 32/50 | Reward 5030.17 | Loss 828523482.60 | Dist 1710.97 | Vehl 8

Vehicle 0: Route=[0, 19, 13, 18, 14, 71, 12, 4, 3, 1, 11, 2, 22, 10, 9, 8, 43, 7, 17, 6, 15, 48, 64, 5, 60, 46, 20, 16, 21, 58, 42, 0], Distance=358.92, RemCap=1.0

Vehicle 1: Route=[0, 50, 34, 27, 69, 65, 51, 53, 78, 61, 52, 0], Distance=179.32, RemCap=278.0

Vehicle 2: Route=[0, 56, 57, 72, 73, 29, 75, 31, 35, 23, 37, 0], Distance=241.83, RemCap=298.0

Vehicle 3: Route=[0, 68, 32, 30, 44, 26, 47, 76, 54, 38, 0], Distance=226.26, RemCap=335.0

Vehicle 4: Route=[0, 62, 39, 70, 49, 40, 45, 0], Distance=194.51, RemCap=352.0

Vehicle 5: Route=[0, 33, 74, 28, 36, 63, 66, 77, 0], Distance=184.85, RemCap=411.0

Vehicle 6: Route=[0, 59, 24, 25, 80, 67, 0], Distance=136.17, RemCap=432.0

Vehicle 7: Route=[0, 79, 41, 55, 0], Distance=189.12, RemCap=430.0

Total vehicle waiting time = 39.63

Total customer waiting time = 42109.55

--------------------------------------------------

Ep 33/50 | Reward 4846.86 | Loss 763979828.52 | Dist 1755.19 | Vehl 8

Vehicle 0: Route=[0, 16, 20, 74, 5, 18, 14, 13, 19, 71, 12, 4, 3, 1, 11, 2, 73, 9, 32, 7, 77, 17, 58, 63, 51, 6, 15, 75, 64, 0], Distance=360.99, RemCap=54.0

Vehicle 1: Route=[0, 68, 47, 49, 25, 35, 79, 66, 10, 50, 70, 39, 0], Distance=260.20, RemCap=293.0

Vehicle 2: Route=[0, 67, 56, 38, 72, 34, 8, 43, 29, 28, 60, 0], Distance=235.15, RemCap=308.0

Vehicle 3: Route=[0, 27, 22, 30, 42, 21, 53, 48, 45, 0], Distance=216.46, RemCap=311.0

Vehicle 4: Route=[0, 59, 24, 23, 37, 54, 33, 80, 55, 52, 0], Distance=202.72, RemCap=328.0

Vehicle 5: Route=[0, 46, 61, 57, 65, 62, 0], Distance=136.30, RemCap=373.0

Vehicle 6: Route=[0, 41, 36, 26, 40, 78, 76, 0], Distance=185.97, RemCap=410.0

Vehicle 7: Route=[0, 69, 31, 44, 0], Distance=157.38, RemCap=460.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41882.08

--------------------------------------------------

Ep 34/50 | Reward 4921.23 | Loss 862207821.93 | Dist 1752.59 | Vehl 8

Vehicle 0: Route=[0, 17, 7, 8, 9, 10, 2, 11, 39, 1, 3, 4, 12, 57, 71, 14, 18, 13, 19, 16, 20, 76, 5, 48, 15, 44, 6, 51, 28, 64, 0], Distance=354.10, RemCap=7.0

Vehicle 1: Route=[0, 50, 67, 53, 60, 55, 70, 41, 73, 45, 31, 35, 79, 0], Distance=258.99, RemCap=267.0

Vehicle 2: Route=[0, 61, 80, 38, 65, 62, 59, 58, 29, 30, 0], Distance=215.65, RemCap=320.0

Vehicle 3: Route=[0, 77, 32, 34, 52, 47, 46, 54, 74, 78, 0], Distance=177.59, RemCap=346.0

Vehicle 4: Route=[0, 68, 43, 22, 69, 72, 33, 37, 63, 26, 0], Distance=266.33, RemCap=338.0

Vehicle 5: Route=[0, 56, 27, 21, 36, 66, 0], Distance=235.70, RemCap=389.0

Vehicle 6: Route=[0, 24, 49, 75, 40, 23, 0], Distance=176.72, RemCap=382.0

Vehicle 7: Route=[0, 42, 25, 0], Distance=67.52, RemCap=488.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38175.78

--------------------------------------------------

Ep 35/50 | Reward 4960.11 | Loss 831735560.78 | Dist 1735.34 | Vehl 8

Vehicle 0: Route=[0, 59, 51, 15, 23, 6, 29, 17, 7, 8, 10, 9, 73, 2, 11, 39, 1, 3, 4, 12, 38, 14, 18, 60, 5, 13, 19, 16, 20, 52, 68, 0], Distance=355.65, RemCap=3.0

Vehicle 1: Route=[0, 70, 55, 71, 47, 21, 63, 40, 36, 26, 37, 64, 75, 0], Distance=223.41, RemCap=299.0

Vehicle 2: Route=[0, 25, 58, 66, 24, 42, 69, 72, 33, 74, 61, 0], Distance=211.67, RemCap=337.0

Vehicle 3: Route=[0, 34, 57, 27, 62, 30, 28, 53, 49, 0], Distance=220.89, RemCap=309.0

Vehicle 4: Route=[0, 45, 43, 44, 35, 48, 67, 76, 0], Distance=205.52, RemCap=361.0

Vehicle 5: Route=[0, 65, 32, 79, 31, 54, 0], Distance=193.15, RemCap=397.0

Vehicle 6: Route=[0, 77, 41, 80, 46, 78, 0], Distance=190.94, RemCap=413.0

Vehicle 7: Route=[0, 50, 56, 22, 0], Distance=134.11, RemCap=418.0

Total vehicle waiting time = 0.00

Total customer waiting time = 40933.19

--------------------------------------------------

Ep 36/50 | Reward 4867.08 | Loss 803024217.05 | Dist 1760.06 | Vehl 8

Vehicle 0: Route=[0, 42, 43, 77, 8, 9, 10, 32, 22, 62, 2, 11, 1, 12, 4, 3, 19, 16, 52, 6, 26, 15, 64, 5, 20, 13, 14, 18, 56, 0], Distance=360.47, RemCap=68.0

Vehicle 1: Route=[0, 50, 27, 73, 59, 21, 17, 36, 31, 78, 74, 75, 0], Distance=209.78, RemCap=318.0

Vehicle 2: Route=[0, 34, 38, 70, 65, 30, 7, 45, 51, 28, 49, 0], Distance=229.62, RemCap=271.0

Vehicle 3: Route=[0, 72, 69, 24, 68, 47, 76, 60, 53, 79, 0], Distance=237.13, RemCap=331.0

Vehicle 4: Route=[0, 55, 71, 33, 61, 58, 40, 35, 37, 0], Distance=219.17, RemCap=321.0

Vehicle 5: Route=[0, 29, 63, 57, 80, 54, 0], Distance=124.37, RemCap=394.0

Vehicle 6: Route=[0, 39, 66, 23, 67, 46, 0], Distance=201.34, RemCap=408.0

Vehicle 7: Route=[0, 25, 44, 48, 41, 0], Distance=178.18, RemCap=426.0

Total vehicle waiting time = 75.18

Total customer waiting time = 42635.64

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Ep 37/50 | Reward 4749.30 | Loss 779408363.23 | Dist 1773.01 | Vehl 8

Vehicle 0: Route=[0, 45, 17, 7, 8, 9, 10, 2, 11, 39, 69, 41, 65, 16, 19, 3, 4, 12, 55, 14, 18, 60, 5, 13, 20, 15, 51, 6, 31, 26, 36, 0], Distance=368.09, RemCap=16.0

Vehicle 1: Route=[0, 34, 70, 1, 32, 59, 21, 52, 75, 25, 37, 35, 0], Distance=249.13, RemCap=318.0

Vehicle 2: Route=[0, 58, 40, 78, 50, 38, 27, 62, 22, 0], Distance=228.02, RemCap=337.0

Vehicle 3: Route=[0, 73, 67, 76, 61, 48, 28, 23, 29, 66, 0], Distance=197.93, RemCap=345.0

Vehicle 4: Route=[0, 42, 24, 44, 46, 57, 33, 49, 74, 0], Distance=217.66, RemCap=316.0

Vehicle 5: Route=[0, 43, 77, 63, 68, 80, 0], Distance=147.95, RemCap=408.0

Vehicle 6: Route=[0, 79, 64, 47, 71, 56, 0], Distance=188.13, RemCap=387.0

Vehicle 7: Route=[0, 30, 53, 54, 72, 0], Distance=176.09, RemCap=410.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45186.54

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Ep 38/50 | Reward 5193.66 | Loss 926336303.20 | Dist 1795.38 | Vehl 8

Vehicle 0: Route=[0, 19, 3, 4, 12, 18, 14, 13, 16, 46, 20, 54, 78, 5, 48, 15, 47, 45, 6, 44, 17, 7, 30, 8, 9, 10, 2, 11, 1, 59, 21, 0], Distance=393.82, RemCap=0.0

Vehicle 1: Route=[0, 42, 50, 34, 72, 38, 71, 67, 33, 76, 35, 40, 0], Distance=202.68, RemCap=305.0

Vehicle 2: Route=[0, 52, 74, 53, 55, 39, 62, 73, 29, 25, 75, 0], Distance=216.60, RemCap=326.0

Vehicle 3: Route=[0, 68, 58, 79, 26, 61, 27, 65, 69, 32, 0], Distance=239.40, RemCap=311.0

Vehicle 4: Route=[0, 66, 77, 36, 28, 60, 70, 22, 0], Distance=247.82, RemCap=403.0

Vehicle 5: Route=[0, 43, 57, 80, 64, 31, 0], Distance=201.52, RemCap=381.0

Vehicle 6: Route=[0, 63, 24, 41, 56, 0], Distance=173.38, RemCap=416.0

Vehicle 7: Route=[0, 49, 37, 23, 51, 0], Distance=120.16, RemCap=395.0

Total vehicle waiting time = 0.00

Total customer waiting time = 37633.14

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Ep 39/50 | Reward 4592.09 | Loss 727232748.98 | Dist 1785.00 | Vehl 8

Vehicle 0: Route=[0, 34, 19, 16, 67, 13, 3, 4, 12, 14, 18, 5, 76, 20, 15, 79, 6, 45, 68, 21, 17, 77, 7, 8, 10, 9, 73, 1, 11, 2, 69, 0], Distance=378.46, RemCap=20.0

Vehicle 1: Route=[0, 41, 22, 30, 29, 35, 74, 61, 54, 80, 33, 0], Distance=236.27, RemCap=285.0

Vehicle 2: Route=[0, 50, 71, 70, 65, 42, 59, 44, 48, 25, 0], Distance=225.21, RemCap=365.0

Vehicle 3: Route=[0, 38, 52, 46, 78, 75, 31, 63, 43, 66, 0], Distance=224.62, RemCap=360.0

Vehicle 4: Route=[0, 56, 60, 37, 26, 36, 24, 39, 72, 0], Distance=242.83, RemCap=313.0

Vehicle 5: Route=[0, 32, 27, 57, 49, 53, 64, 40, 0], Distance=223.60, RemCap=301.0

Vehicle 6: Route=[0, 51, 58, 62, 55, 0], Distance=162.93, RemCap=424.0

Vehicle 7: Route=[0, 47, 28, 23, 0], Distance=91.07, RemCap=469.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43020.05

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Ep 40/50 | Reward 4914.69 | Loss 773600498.70 | Dist 1695.50 | Vehl 8

Vehicle 0: Route=[0, 21, 17, 8, 7, 32, 10, 9, 22, 2, 11, 1, 3, 4, 12, 38, 71, 14, 18, 13, 19, 16, 20, 54, 76, 5, 48, 15, 35, 6, 75, 52, 0], Distance=344.78, RemCap=5.0

Vehicle 1: Route=[0, 67, 33, 60, 64, 28, 26, 40, 51, 45, 66, 77, 0], Distance=202.78, RemCap=283.0

Vehicle 2: Route=[0, 59, 29, 63, 25, 44, 31, 49, 57, 65, 0], Distance=210.13, RemCap=334.0

Vehicle 3: Route=[0, 47, 23, 43, 42, 39, 41, 70, 55, 0], Distance=210.07, RemCap=347.0

Vehicle 4: Route=[0, 34, 72, 27, 73, 24, 37, 78, 0], Distance=188.77, RemCap=356.0

Vehicle 5: Route=[0, 50, 80, 56, 74, 79, 68, 0], Distance=171.67, RemCap=365.0

Vehicle 6: Route=[0, 46, 53, 62, 30, 0], Distance=172.43, RemCap=423.0

Vehicle 7: Route=[0, 61, 36, 69, 58, 0], Distance=194.87, RemCap=424.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44414.14

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Ep 41/50 | Reward 4850.78 | Loss 807124470.74 | Dist 1735.46 | Vehl 8

Vehicle 0: Route=[0, 59, 42, 9, 10, 7, 17, 6, 79, 15, 28, 75, 49, 5, 61, 52, 16, 19, 20, 54, 13, 18, 14, 3, 4, 12, 70, 1, 11, 2, 69, 0], Distance=368.83, RemCap=16.0

Vehicle 1: Route=[0, 44, 77, 66, 8, 58, 34, 41, 72, 80, 33, 67, 0], Distance=235.73, RemCap=305.0

Vehicle 2: Route=[0, 27, 65, 39, 32, 43, 26, 35, 53, 56, 71, 0], Distance=259.82, RemCap=275.0

Vehicle 3: Route=[0, 38, 60, 74, 51, 31, 36, 24, 73, 62, 0], Distance=246.94, RemCap=337.0

Vehicle 4: Route=[0, 30, 21, 37, 76, 55, 50, 0], Distance=197.72, RemCap=362.0

Vehicle 5: Route=[0, 46, 78, 48, 63, 29, 25, 0], Distance=124.44, RemCap=416.0

Vehicle 6: Route=[0, 57, 68, 45, 64, 23, 0], Distance=160.97, RemCap=395.0

Vehicle 7: Route=[0, 22, 40, 47, 0], Distance=141.01, RemCap=431.0

Total vehicle waiting time = 211.66

Total customer waiting time = 43807.23

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Ep 42/50 | Reward 5146.98 | Loss 870433209.77 | Dist 1572.79 | Vehl 8

Vehicle 0: Route=[0, 19, 16, 20, 76, 78, 5, 18, 14, 13, 80, 71, 55, 12, 4, 3, 70, 69, 2, 22, 11, 1, 10, 9, 8, 43, 7, 17, 58, 15, 23, 6, 26, 79, 0], Distance=375.75, RemCap=8.0

Vehicle 1: Route=[0, 46, 49, 31, 25, 63, 45, 21, 59, 27, 41, 65, 42, 0], Distance=204.69, RemCap=283.0

Vehicle 2: Route=[0, 68, 47, 67, 38, 33, 48, 28, 44, 32, 77, 0], Distance=252.90, RemCap=312.0

Vehicle 3: Route=[0, 39, 30, 24, 51, 75, 53, 60, 74, 0], Distance=186.85, RemCap=302.0

Vehicle 4: Route=[0, 54, 61, 29, 40, 36, 37, 0], Distance=176.50, RemCap=358.0

Vehicle 5: Route=[0, 50, 34, 56, 0], Distance=92.77, RemCap=419.0

Vehicle 6: Route=[0, 73, 62, 57, 52, 0], Distance=111.30, RemCap=411.0

Vehicle 7: Route=[0, 64, 35, 66, 72, 0], Distance=172.03, RemCap=444.0

Total vehicle waiting time = 0.00

Total customer waiting time = 45233.48

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Ep 43/50 | Reward 4996.00 | Loss 815809887.29 | Dist 1687.16 | Vehl 8

Vehicle 0: Route=[0, 19, 16, 52, 58, 29, 17, 7, 8, 9, 10, 1, 11, 62, 2, 69, 3, 4, 12, 38, 14, 18, 60, 5, 37, 79, 6, 15, 74, 20, 13, 54, 0], Distance=393.66, RemCap=5.0

Vehicle 1: Route=[0, 42, 32, 50, 71, 67, 49, 48, 28, 31, 47, 45, 0], Distance=237.04, RemCap=294.0

Vehicle 2: Route=[0, 41, 27, 56, 61, 53, 35, 26, 44, 66, 77, 0], Distance=256.41, RemCap=285.0

Vehicle 3: Route=[0, 43, 73, 70, 33, 75, 25, 40, 23, 0], Distance=224.24, RemCap=353.0

Vehicle 4: Route=[0, 59, 63, 51, 55, 72, 39, 22, 0], Distance=170.33, RemCap=354.0

Vehicle 5: Route=[0, 34, 46, 78, 36, 21, 68, 0], Distance=152.03, RemCap=405.0

Vehicle 6: Route=[0, 24, 76, 64, 0], Distance=121.09, RemCap=451.0

Vehicle 7: Route=[0, 80, 57, 65, 30, 0], Distance=132.34, RemCap=390.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41188.46

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Ep 44/50 | Reward 4780.94 | Loss 757346751.03 | Dist 1816.26 | Vehl 8

Vehicle 0: Route=[0, 21, 59, 50, 19, 3, 4, 12, 14, 18, 5, 53, 61, 13, 16, 20, 28, 15, 6, 17, 8, 7, 30, 10, 9, 2, 11, 1, 27, 72, 0], Distance=373.04, RemCap=7.0

Vehicle 1: Route=[0, 34, 39, 22, 66, 63, 35, 37, 60, 74, 67, 55, 0], Distance=263.43, RemCap=292.0

Vehicle 2: Route=[0, 70, 58, 43, 36, 44, 26, 31, 78, 75, 0], Distance=233.73, RemCap=371.0

Vehicle 3: Route=[0, 46, 76, 48, 23, 40, 45, 65, 80, 0], Distance=208.49, RemCap=339.0

Vehicle 4: Route=[0, 52, 49, 25, 77, 24, 41, 42, 0], Distance=189.96, RemCap=372.0

Vehicle 5: Route=[0, 68, 51, 79, 32, 73, 56, 0], Distance=216.96, RemCap=349.0

Vehicle 6: Route=[0, 29, 69, 71, 54, 33, 0], Distance=161.46, RemCap=415.0

Vehicle 7: Route=[0, 64, 47, 62, 57, 38, 0], Distance=169.18, RemCap=392.0

Total vehicle waiting time = 0.00

Total customer waiting time = 42691.77

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Ep 45/50 | Reward 4383.25 | Loss 727517448.84 | Dist 1713.84 | Vehl 8

Vehicle 0: Route=[0, 16, 46, 67, 13, 54, 49, 5, 18, 14, 3, 4, 12, 70, 1, 11, 2, 32, 10, 9, 8, 7, 17, 51, 15, 37, 31, 6, 36, 0], Distance=367.00, RemCap=37.0

Vehicle 1: Route=[0, 68, 58, 24, 77, 69, 38, 19, 20, 75, 23, 64, 0], Distance=249.90, RemCap=331.0

Vehicle 2: Route=[0, 47, 44, 35, 28, 53, 55, 22, 62, 0], Distance=226.11, RemCap=379.0

Vehicle 3: Route=[0, 50, 33, 71, 57, 72, 30, 40, 63, 0], Distance=200.17, RemCap=309.0

Vehicle 4: Route=[0, 61, 79, 26, 25, 45, 21, 42, 66, 0], Distance=188.15, RemCap=349.0

Vehicle 5: Route=[0, 59, 52, 78, 60, 80, 27, 39, 0], Distance=163.64, RemCap=344.0

Vehicle 6: Route=[0, 73, 65, 34, 74, 76, 56, 0], Distance=157.18, RemCap=383.0

Vehicle 7: Route=[0, 48, 29, 43, 41, 0], Distance=161.69, RemCap=405.0

Total vehicle waiting time = 211.66

Total customer waiting time = 47022.24

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Ep 46/50 | Reward 4930.27 | Loss 828979382.25 | Dist 1697.66 | Vehl 8

Vehicle 0: Route=[0, 19, 16, 46, 20, 13, 14, 18, 5, 49, 15, 23, 31, 44, 6, 51, 25, 68, 59, 17, 8, 9, 10, 62, 2, 11, 1, 12, 4, 3, 72, 0], Distance=353.34, RemCap=69.0

Vehicle 1: Route=[0, 21, 29, 24, 43, 7, 22, 27, 55, 56, 47, 35, 26, 0], Distance=268.29, RemCap=226.0

Vehicle 2: Route=[0, 58, 77, 28, 53, 60, 70, 41, 65, 39, 0], Distance=225.07, RemCap=327.0

Vehicle 3: Route=[0, 52, 78, 54, 71, 50, 42, 30, 32, 73, 69, 0], Distance=204.92, RemCap=322.0

Vehicle 4: Route=[0, 66, 45, 64, 48, 79, 0], Distance=175.77, RemCap=387.0

Vehicle 5: Route=[0, 34, 63, 75, 37, 76, 74, 0], Distance=142.89, RemCap=409.0

Vehicle 6: Route=[0, 38, 33, 36, 61, 0], Distance=188.63, RemCap=402.0

Vehicle 7: Route=[0, 40, 57, 80, 67, 0], Distance=138.75, RemCap=395.0

Total vehicle waiting time = 91.76

Total customer waiting time = 40234.44

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Ep 47/50 | Reward 5208.31 | Loss 936220789.26 | Dist 1675.45 | Vehl 8

Vehicle 0: Route=[0, 45, 17, 9, 10, 8, 7, 6, 15, 5, 49, 20, 16, 19, 50, 1, 39, 11, 2, 69, 41, 12, 4, 3, 13, 14, 18, 56, 71, 0], Distance=368.74, RemCap=4.0

Vehicle 1: Route=[0, 21, 58, 66, 63, 31, 26, 23, 28, 37, 53, 78, 74, 52, 33, 0], Distance=230.95, RemCap=298.0

Vehicle 2: Route=[0, 73, 72, 38, 57, 46, 47, 40, 44, 64, 75, 0], Distance=203.28, RemCap=277.0

Vehicle 3: Route=[0, 27, 70, 80, 67, 60, 76, 68, 29, 51, 0], Distance=201.20, RemCap=333.0

Vehicle 4: Route=[0, 61, 79, 36, 43, 65, 62, 0], Distance=205.41, RemCap=360.0

Vehicle 5: Route=[0, 25, 54, 55, 22, 32, 24, 59, 0], Distance=182.98, RemCap=384.0

Vehicle 6: Route=[0, 34, 77, 48, 0], Distance=154.12, RemCap=430.0

Vehicle 7: Route=[0, 42, 30, 35, 0], Distance=128.77, RemCap=451.0

Total vehicle waiting time = 0.00

Total customer waiting time = 38681.06

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Ep 48/50 | Reward 4777.19 | Loss 787992701.71 | Dist 1746.52 | Vehl 8

Vehicle 0: Route=[0, 50, 1, 69, 11, 2, 42, 24, 9, 10, 8, 7, 17, 6, 44, 35, 15, 47, 46, 20, 13, 33, 5, 18, 14, 12, 4, 3, 19, 16, 21, 58, 0], Distance=380.25, RemCap=7.0

Vehicle 1: Route=[0, 60, 78, 28, 79, 68, 59, 65, 62, 32, 43, 30, 0], Distance=254.25, RemCap=295.0

Vehicle 2: Route=[0, 70, 71, 74, 53, 64, 75, 25, 51, 40, 31, 0], Distance=192.51, RemCap=345.0

Vehicle 3: Route=[0, 22, 56, 54, 48, 23, 63, 29, 45, 0], Distance=219.91, RemCap=335.0

Vehicle 4: Route=[0, 67, 34, 73, 66, 26, 76, 52, 0], Distance=201.45, RemCap=397.0

Vehicle 5: Route=[0, 36, 77, 39, 57, 80, 0], Distance=195.99, RemCap=370.0

Vehicle 6: Route=[0, 72, 38, 49, 61, 0], Distance=119.94, RemCap=383.0

Vehicle 7: Route=[0, 37, 41, 27, 55, 0], Distance=182.22, RemCap=405.0

Total vehicle waiting time = 0.00

Total customer waiting time = 43181.88

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Ep 49/50 | Reward 4923.91 | Loss 809081523.90 | Dist 1634.26 | Vehl 8

Vehicle 0: Route=[0, 16, 52, 47, 20, 13, 5, 18, 14, 12, 4, 3, 19, 73, 1, 11, 2, 22, 10, 9, 8, 7, 77, 17, 51, 23, 31, 6, 36, 79, 0], Distance=361.07, RemCap=27.0

Vehicle 1: Route=[0, 59, 69, 41, 71, 56, 53, 37, 15, 25, 68, 64, 0], Distance=243.89, RemCap=329.0

Vehicle 2: Route=[0, 27, 76, 49, 28, 40, 29, 43, 66, 30, 0], Distance=216.46, RemCap=304.0

Vehicle 3: Route=[0, 21, 63, 78, 60, 38, 50, 62, 65, 72, 0], Distance=206.58, RemCap=331.0

Vehicle 4: Route=[0, 58, 24, 32, 42, 39, 70, 74, 33, 0], Distance=197.87, RemCap=352.0

Vehicle 5: Route=[0, 55, 54, 46, 61, 0], Distance=114.73, RemCap=400.0

Vehicle 6: Route=[0, 44, 26, 75, 80, 57, 67, 0], Distance=158.18, RemCap=377.0

Vehicle 7: Route=[0, 34, 48, 35, 45, 0], Distance=135.46, RemCap=417.0

Total vehicle waiting time = 0.00

Total customer waiting time = 44773.72

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Ep 50/50 | Reward 4835.56 | Loss 815560402.67 | Dist 1650.61 | Vehl 8

Vehicle 0: Route=[0, 19, 3, 4, 12, 57, 14, 18, 13, 16, 20, 5, 49, 64, 15, 25, 6, 44, 17, 24, 8, 7, 30, 10, 9, 2, 11, 1, 42, 58, 0], Distance=351.82, RemCap=12.0

Vehicle 1: Route=[0, 46, 61, 74, 28, 26, 36, 63, 21, 66, 41, 55, 80, 0], Distance=248.81, RemCap=306.0

Vehicle 2: Route=[0, 34, 71, 54, 76, 52, 51, 40, 23, 48, 60, 53, 0], Distance=221.80, RemCap=271.0

Vehicle 3: Route=[0, 39, 70, 33, 37, 35, 45, 75, 0], Distance=223.29, RemCap=351.0

Vehicle 4: Route=[0, 56, 38, 27, 65, 29, 79, 31, 59, 0], Distance=225.36, RemCap=331.0

Vehicle 5: Route=[0, 50, 47, 68, 43, 32, 73, 0], Distance=114.33, RemCap=368.0

Vehicle 6: Route=[0, 62, 69, 67, 0], Distance=93.32, RemCap=465.0

Vehicle 7: Route=[0, 78, 72, 22, 77, 0], Distance=171.88, RemCap=433.0

Total vehicle waiting time = 0.00

Total customer waiting time = 41974.15

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Saved results to F:/KLTN/code/output80\h80d60\_results.docx

[Done] exited with code=0 in 21775.609 seconds