Case	Par solveur	Par solveur	Par solveur	Par (méta-)heuristique	Par (méta-)heuristique	Par (méta-)heuristique
Case0	31	3	[6,9]	31	3	[9, 6]
Case1	22828	12	[100, 100, 100, 100, 100, 100]	24000	8	[60, 90, 60 ,90,60 ,90, 60 ,90]
Case2	82243	26	[100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0	80000	16	[60 ,90 ,60 ,90, 60 ,90 ,60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case3	43060	24	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	48000	24	[60 ,90 ,60, 90, 60 ,90, 60 90 60 90 60 90 60 90 60 90]
Case4	69709	37	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1	72000	32	[60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90]
Case5	165201	51	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10	159998	40	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case6	92722	48	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10	96000	48	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case7	463344	64	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10	440000	64	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case8	650870	79	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10	624000	48	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case9	246280	78	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10	239998	48	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case10	Not Solved	Not Solved	Not Solved	320000	64	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case11	Not Solved	Not Solved	Not Solved	1680000	80	[60, 90, 60, 90]
Case12	Not Solved	Not Solved	Not Solved	880000	80	[60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90, 60, 90]
Case13	Not Solved	Not Solved	Not Solved	1248000	96	[60, 90, 60, 90]
Case14	Not Solved	Not Solved	Not Solved	1319994	144	[60, 90, 60, 90]
Case15	Not Solved	Not Solved	Not Solved	1871994	144	[60, 90, 60, 90]

Case16	Not Solved	Not Solved	Not Solved		432002	144	[60, 90, 60, 90]
Case17	Not Solved	Not Solved	Not Solved		3359996	160	[60, 90, 60, 90]
Case18	Not Solved	Not Solved	Not Solved		1759998	160	[60, 90, 60, 90]
Case19	Not Solved	Not Solved	Not Solved		2495998	192	[60, 90, 60, 90]
Case20	Not Solved	Not Solved	Not Solved		5039990	240	[60, 90, 60, 90]

	Coût	Nombre de livraisons faites	Charges des camions	Coût	Nombre de livraisons faites	Charges des camions
Case21	Not Solved	Not Solved	Not Solved	1440006	288	[60, 90, 60, 90]
Case22	567	22	5900.0 4900.0 6000.0 5700.0	485	21	[4000, 5700, 5900, 4400, 2500]
Case23	963	23	2469.0 4500.0 3220.0	672	22	[2844, 4325, 3020]
Case24	933	30	4000.0 4250.0 4500.0	776	29	[4125, 3875, 3750, 1000]
Case25	1172		7650.0 7990.0 6150.0 7580.0	1133	32	[7070, 6750, 4150, 6100, 5300]
Case26	1517	50	158.0 144.0 157.0 158.0 160.0	1042	50	[156, 120, 155, 158, 160, 28]
Case27	1549	50	153.0 147.0 160.0 159.0 158.0	1804	75	[140, 136, 128, 122, 117, 122, 115, 124, 130, 131, 99]
Case28	3453	102	200.0 199.0 199.0 195.0 180.0 90.0 200.0 195.0	1731	100	[198, 192, 190, 200, 177, 181, 192, 128,]
Case29	3453	102	200.0 199.0 199.0 195.0 180.0 90.0 200.0 195.0	2117	75	[85, 100, 91, 91, 83, 76, 89, 96, 87,82, 93, 76, 98, 81, 100, 36]
Case30	3220	104	110.0 112.0 112.0 108.0 106.0 90.0 112.0 94.0 112.0 105.0 103.0 99.0 83.0 112.0	2077	100	[108, 98, 88, 96, 109, 99, 110, 97, 102, 112, 90, 89, 111, 101, 48]
Case31	2421	78	148.0 160.0 170.0 180.0 178.0 168.0 180.0 180.0	1586	75	[156, 178, 175, 180, 170, 167, 165, 173]
Case32	2667	75	192.0 219.0 199.0 177.0 190.0 208.0 179.0	1548	75	[211, 193 , 211- 209 ,218 ,186,136]
	Coût	Nombre de livraisons faites	Charges des camions	Coût	Nombre de livraisons faites	Charges des camions

Le lien vers l'Excel : https://docs.google.com/spreadsheets/d/1dY9RuPHL_eVvLfz2jP6pfCkIAHeXycj_L8Zq1Nvwa_s/edit?usp=sharing