

Problem Name	Graph Size	Complexity	ILP C Max	ILP Time
LL1	5	Low	12	2.95
LL2	6	Low	16	3.71
LL3	6	Low	12	3.75
LL4	7	Low	21	3.27
LL5	7	Low	13	3.32
LM1	8	Low	18	3.37
LM2	8	Low	16	3.58
LM3	9	Low	20	4.68
LM4	10	Low	29	561.22
LM5	11	Low	28	193.12
LH1	12	Low	32	1200
LH2	12	Low	29	1200
LH3	13	Low	30	1200
LH4	15	Low	34	1200
LH5	20	Low	41	1200
ML1	5	Med	25	3.33
ML2	6	Med	43	4.2
ML3	6	Med	23	3.32
ML4	7	Med	43	7.39
ML5	7	Med	40	3.78
MM1	8	Med	31	3.76
MM2	8	Med	33	7.31
MM3	9	Med	49	1200
MM4	10	Med	44	257.93
MM5	11	Med	56	1200
MH1	12	Med	57	1200
MH2	12	Med	63	1200
MH3	13	Med	42	1200
MH4	15	Med	83	1200
MH5	20	Med	64	1200
HL1	5	High	30	2.84
HL2	6	High	48	2.91
HL3	6	High	57	3.12
HL4	7	High	56	4.14
HL5	7	High	43	2.89
HM1	8	High	23	3.53
HM2	8	High	62	3.44
HM3	9	High	51	449.34
HM4	10	High	71	1200
HM5	11	High	64	1200
HH1	12	High	84	1200
HH2	12	High	84	1200
HH3	13	High	87	1200
HH4	15	High	96	1200
HH5	20	High	139	1200

Heuristic CG C Max	HCG Time	Pure Heuristic C Max	PH Time
12	1.184	12	0.21
16	1.426	16	0.21
12	1.226	12	0.21
21	1.384	21	0.24
13	1.519	13	0.19
18	3.16	22	0.21
16	1.938	19	0.21
20	2.51	22	0.21
29	8.052	33	0.2
28	6.977	29	0.19
32	11.334	32	0.19
29	16.642	31	0.2
30	12.907	35	0.19
32	623.493	33	0.2
39	75.525	39	0.25
25	1.067	25	0.19
42	1.384	48	0.19
22	1.245	27	0.19
42	1.557	48	0.19
40	1.839	41	0.21
30	3.607	34	0.2
35	2.399	35	0.2
48	2.595	54	0.2
44	3.588	49	0.19
55	7.655	61	0.19
53	21.856	55	0.19
61	7.501	64	0.18
43	45.962	54	0.19
78	26.025	76	0.21
58	63.841	64	0.17
30	1.009	30	0.19
45	1.118	50	0.19
57	1.358	63	0.21
59	1.55	65	0.19
49	1.268	43	0.19
28	2.126	25	0.21
56	2.546	74	0.18
53	7.248	51	0.2
69	3.061	70	0.19
62	12.433	66	0.18
78	55.066	85	0.22
80	64.268	83	0.22
82	30.555	88	0.21
90	29.941	102	0.22
125	80.408	134	0.2

HCG - ILP C Max Diff	HCG - ILP Time Diff	HCG - PH C Max Diff
0	-1.766	0
0	-2.284	0
0	-2.524	0
0	-1.886	0
0	-1.801	0
0	-0.21	-4
0	-1.642	-3
0	-2.17	-2
0	-553.168	-4
0	-186.143	-1
0	-1188.666	0
0	-1183.358	-2
0	-1187.093	-5
-2	-576.507	-1
-2	-1124.475	0
0	-2.263	0
-1	-2.816	-6
-1	-2.075	-5
-1	-5.833	-6
0	-1.941	-1
-1	-0.153	-4
2	-4.911	0
-1	-1197.405	-6
0	-254.342	-5
-1	-1192.345	-6
-4	-1178.144	-2
-2	-1192.499	-3
1	-1154.038	-11
-5	-1173.975	2
-6	-1136.159	-6
0	-1.831	0
-3	-1.792	-5
0	-1.762	-6
3	-2.59	-6
6	-1.622	6
5	-1.404	3
-6	-0.894	-18
2	-442.092	2
-2	-1196.939	-1
-2	-1187.567	-4
-6	-1144.934	-7
-4	-1135.732	-3
-5	-1169.445	-6
-6	-1170.059	-12
-14	-1119.592	-9