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NEOS Server Version 5.0  
 Job# : 6179635  
 Password : DmOhHjVp  
 User : None  
 Solver : milp:CPLEX:GAMS  
 Start : 2018-07-25 16:44:34  
 End : 2018-07-25 16:59:35  
 Host : NEOS HTCondor Pool

Disclaimer:

This information is provided without any express or implied warranty. In particular, there is no warranty of any kind concerning the fitness of this information for any particular purpose.

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Executed on prod-exec-5.neos-server.org  
 GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 16:44:35 Page 1  
 General Algebraic Modeling System  
 Compilation

COMPILATION TIME = 0.004 SECONDS 3 MB 24.9.2 r64480 LEX-LEG  
 GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 16:44:35 Page 2  
 General Algebraic Modeling System  
 Model Analysis SOLVE aero\_model Using MIP From line 1212

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\*\*\*\* 2430 Integer +INF Bounds have been reset to 100 (see Option IntVarUp)

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 General Algebraic Modeling System  
 Model Statistics SOLVE aero\_model Using MIP From line 1212

LOOPS zz z1

MODEL STATISTICS

BLOCKS OF EQUATIONS	58	SINGLE EQUATIONS	558,409
BLOCKS OF VARIABLES	38	SINGLE VARIABLES	932,864
NON ZERO ELEMENTS	5,461,957	DISCRETE VARIABLES	2,459

GENERATION TIME = 155.970 SECONDS 1,068 MB 24.9.2 r64480 LEX-LEG

EXECUTION TIME = 157.753 SECONDS 1,068 MB 24.9.2 r64480 LEX-LEG  
 L O O P S zz z1

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 General Algebraic Modeling System  
 Solution Report SOLVE aero\_model Using MIP From line 1212

S O L V E S U M M A R Y

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MODEL    aero_model      OBJECTIVE objective
TYPE     MIP              DIRECTION MAXIMIZE
SOLVER   CPLEX            FROM LINE 1212

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**** SOLVER STATUS      1 Normal Completion
**** MODEL STATUS       8 Integer Solution
**** OBJECTIVE VALUE    -762307370.6515

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RESOURCE USAGE, LIMIT      729.848 1728000000.000
ITERATION COUNT, LIMIT    64591    900000000

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IBM ILOG CPLEX 24.9.2 r64480 Released Nov 14, 2017 LEG x86 64bit/Linux
--- GAMS/Cplex licensed for continuous and discrete problems.
Cplex 12.7.1.0

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Space for names approximately 62.69 Mb
Use option 'names no' to turn use of names off
MIP status(102): integer optimal, tolerance
Cplex Time: 711.43sec (det. 302108.01 ticks)
Fixing integer variables, and solving final LP...
Fixed MIP status(1): optimal
Cplex Time: 15.95sec (det. 9748.26 ticks)
Solution satisfies tolerances.

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MIP Solution: -762307370.651457 (30604 iterations, 0 nodes)
Final Solve: -762307370.651457 (33987 iterations)

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Best possible: -762231963.226447
Absolute gap: 75407.425009
Relative gap: 0.000099

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**** REPORT SUMMARY :      0      NONOPT
                        0 INFEASIBLE
                        0 UNBOUNDED

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General Algebraic Modeling System
Execution

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---- 1214 VARIABLE results.L Results

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z1 -7.62307E+8

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---- 1215 VARIABLE Production.L Production at plant f of product p in day d

```

```

INDEX 1 = f1

```

	y1	y2	y3	y4	y5	y6
p2.t1	29.185	29.687	17.000	17.000	17.000	17.000
p2.t2	4.815	4.313	17.000	17.000	17.000	17.000
p2.t3	17.000	17.000	17.000	17.000	34.000	17.000
p2.t4	34.000	17.000	17.000	17.000		17.000
p2.t5		17.000	30.511	17.000	17.000	34.000
p2.t6	17.000	17.000	3.489	34.000	30.721	
p2.t7	17.000	17.000	34.000		3.279	17.000
p2.t8	17.000	17.000		29.582	17.000	17.000
p2.t9	17.000	17.000	17.000	4.418	17.000	17.000
p2.t10	17.000	34.000	17.000	17.000	17.000	29.082
p2.t11	17.000		17.000	17.000	17.000	4.918
p2.t12	17.000	17.000	17.000	17.000	17.000	17.000
+	y7	y8	y9	y10	y11	y12
p2.t1	17.000	17.000	17.000	17.000	17.000	17.000
p2.t2	29.874	25.846	17.000	17.000	17.000	17.000
p2.t3	4.126	8.154	17.000	17.000	17.000	17.000
p2.t4	17.000	17.000	17.000	17.000	17.000	17.000
p2.t5	17.000	17.000	17.000	17.000	17.000	17.000
p2.t6	34.000	17.000	17.000	17.000	17.000	17.000
p2.t7		17.000	17.000	17.000	17.000	17.000
p2.t8	17.000	17.000	17.000	17.000	17.000	17.000
p2.t9	17.000	17.000	17.000	17.000	17.000	17.000
p2.t10	17.000	23.330	17.000	17.000	17.000	17.000

p2.t11	17.000	25.846	17.000	17.000	17.000	17.000
p2.t12	17.000	1.824	17.000	17.000	17.000	17.000

+	y13	y14	y15
p2.t1	17.000	17.000	17.000
p2.t2	17.000	17.000	17.000
p2.t3	17.000	17.000	17.000
p2.t4	17.000	17.000	17.000
p2.t5	17.000	17.000	17.000
p2.t6	17.000	17.000	17.000
p2.t7	17.000	17.000	17.000
p2.t8	17.000	17.000	17.000
p2.t9	17.000	17.000	17.000
p2.t10	17.000	17.000	17.000
p2.t11	17.000	17.000	17.000
p2.t12	17.000	17.000	17.000

---- 1215 VARIABLE Flow.L Flow of material m from l.origin to l.destination  
in period t (in units)

INDEX 1 = i1 INDEX 2 = f1 INDEX 3 = rm2

		y1	y2	y3	y4
truck_out	.t2			65076.000	
truck_out	.t8				113240.086
truckCOOL_own	.t4		65076.000	65076.000	
truckCOOL_own	.t5				65076.000
truckCOOL_own	.t6			13355.201	
truckCOOL_own	.t9			65076.000	
truckCOOL_own	.t10	65076.000			
truckCOOL_own	.t12	65076.000			
truckCOOL_out	.t1		113642.843		
truckCOOL_out	.t3	65076.000			
truckCOOL_out	.t6	65076.000			
truckCOOL_out	.t7	65076.000			
truckCOOL_out	.t9		65076.000		
truck_XL_own	.t3			65076.000	
truck_XL_own	.t5		65076.000		
truck_XL_own	.t8		65076.000		
truck_XL_own	.t11	65076.000			
truck_XL_own	.t12		65076.000		
truck_XL_out	.t7		65076.000		
truck_XL_out	.t8	65076.000			
truck_XL_out	.t10		130152.000		
truckCOOL_XL_own.t1		111718.737			
truckCOOL_XL_out.t2			16509.157		
truckCOOL_XL_out.t6					130152.000
truckCOOL_XL_out.t9					16911.914

		y5	y6	y7	y8
truck_own	.t1	65076.000			
truck_own	.t2		65076.000		
truck_own	.t12			65076.000	
truck_out	.t1		65076.000		
truck_out	.t5		130152.000		
truck_out	.t11				98939.077
truckCOOL_own	.t1			65076.000	
truckCOOL_own	.t2			114359.546	
truckCOOL_own	.t3	130152.000			
truckCOOL_own	.t9		65076.000		
truckCOOL_out	.t2	65076.000			
truckCOOL_out	.t10		111327.556		
truck_XL_own	.t4				65076.000
truck_XL_own	.t8			65076.000	
truck_XL_out	.t3		65076.000		
truck_XL_out	.t4			65076.000	
truck_XL_out	.t11		18824.444		
truckCOOL_XL_own.t1					65076.000
truckCOOL_XL_own.t3					31212.923
truckCOOL_XL_own.t5	65076.000				
truckCOOL_XL_out.t2					98939.077
truckCOOL_XL_out.t3				15792.454	
truckCOOL_XL_out.t4			65076.000		
truckCOOL_XL_out.t5				65076.000	

truckCOOL_XL_out.t7					65076.000
truckCOOL_XL_out.t8		65076.000			

	+		y9	y10	y11	y12
truck_XL_own	.t1	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t2	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t3	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t4	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t5	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t6	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t7	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t8	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t9	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t10	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t11	65076.000	65076.000	65076.000	65076.000	65076.000
truck_XL_own	.t12	65076.000	65076.000	65076.000	65076.000	65076.000

	+		y13	y14	y15
truck_XL_own	.t1	65076.000	65076.000	65076.000	
truck_XL_own	.t2	65076.000	65076.000	65076.000	
truck_XL_own	.t3	65076.000	65076.000	65076.000	
truck_XL_own	.t4	65076.000	65076.000	65076.000	
truck_XL_own	.t5	65076.000	65076.000	65076.000	
truck_XL_own	.t6	65076.000	65076.000	65076.000	
truck_XL_own	.t7	65076.000	65076.000	65076.000	
truck_XL_own	.t8	65076.000	65076.000	65076.000	
truck_XL_own	.t9	65076.000	65076.000	65076.000	
truck_XL_own	.t10	65076.000	65076.000	65076.000	
truck_XL_own	.t11	65076.000	65076.000	65076.000	
truck_XL_own	.t12	65076.000	65076.000	65076.000	

INDEX 1 = i1   INDEX 2 = f1   INDEX 3 = rm3

		y1	y2	y3	y4
truckCOOL_own	.t1	4903.017			
truckCOOL_own	.t2			2856.000	
truckCOOL_own	.t4		2856.000		
truckCOOL_own	.t7	2856.000			
truckCOOL_out	.t3	2856.000			2856.000
truckCOOL_out	.t5		2856.000		
truckCOOL_out	.t7			5712.000	
truckCOOL_out	.t11				2856.000
truckCOOL_XL_own.t2			724.540		2856.000
truckCOOL_XL_own.t3			2856.000		
truckCOOL_XL_own.t4					2856.000
truckCOOL_XL_own.t5				5125.878	
truckCOOL_XL_own.t6					5712.000
truckCOOL_XL_own.t8					4969.784
truckCOOL_XL_own.t9			2856.000		742.216
truckCOOL_XL_own.t11	2856.000				
truckCOOL_XL_out.t1				2856.000	
truckCOOL_XL_out.t3				2856.000	
truckCOOL_XL_out.t5					2856.000
truckCOOL_XL_out.t6	2856.000			586.122	
truckCOOL_XL_out.t7			2856.000		
truckCOOL_XL_out.t9	2856.000			2856.000	
truckCOOL_XL_out.t10				2856.000	2856.000
truckCOOL_XL_out.t11				2856.000	

	+		y5	y6	y7	y8
truckCOOL_own	.t1					2856.000
truckCOOL_own	.t3			2856.000	693.086	
truckCOOL_own	.t5				2856.000	
truckCOOL_own	.t7			2856.000		
truckCOOL_own	.t8				2856.000	
truckCOOL_own	.t12				2856.000	
truckCOOL_out	.t6	5161.198				
truckCOOL_out	.t9			2856.000		
truckCOOL_out	.t11				2856.000	
truckCOOL_XL_own.t2						4342.154
truckCOOL_XL_own.t3	5712.000					
truckCOOL_XL_own.t4			2856.000	2856.000		
truckCOOL_XL_own.t6						2856.000
truckCOOL_XL_own.t7						2856.000

truckCOOL_XL_own.t8	2856.000			
truckCOOL_XL_own.t11		826.151		4342.154
truckCOOL_XL_own.t12				306.365
truckCOOL_XL_out.t1			2856.000	
truckCOOL_XL_out.t2	2856.000			
truckCOOL_XL_out.t5		5712.000		
truckCOOL_XL_out.t8		2856.000		
truckCOOL_XL_out.t9	2856.000			
truckCOOL_XL_out.t10			2856.000	3919.481

+ y9 y10 y11 y12

truckCOOL_XL_own.t1	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t2	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t3	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t4	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t5	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t6	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t7	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t8	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t9	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t10	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t11	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_own.t12	2856.000	2856.000	2856.000	2856.000

+ y13 y14 y15

truckCOOL_XL_own.t1	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t2	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t3	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t4	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t5	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t6	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t7	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t8	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t9	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t10	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t11	2856.000	2856.000	2856.000	
truckCOOL_XL_own.t12	2856.000	2856.000	2856.000	

INDEX 1 = i1 INDEX 2 = f1 INDEX 3 = sp1

y1 y2 y3 y4

truck_own .t8				17749.230
truck_out .t5		10200.000		
truckCOOL_out .t4			10200.000	
truckCOOL_out .t9		10200.000		
truck_XL_own .t1	17510.774			
truck_XL_own .t4	20400.000			
truck_XL_own .t6			2093.292	
truck_XL_own .t12				10200.000
truckCOOL_XL_own.t2			10200.000	
truckCOOL_XL_own.t5				10200.000
truckCOOL_XL_own.t9			10200.000	
truckCOOL_XL_out.t12			10200.000	

+ y5 y6 y7 y9

truck_own .t11			10200.000	
truck_out .t7	1967.149			
truckCOOL_own .t4		10200.000		
truckCOOL_out .t5		20400.000		
truckCOOL_out .t9			10200.000	
truckCOOL_out .t10		17449.460		
truck_XL_own .t1				10200.000
truck_XL_own .t2				10200.000
truck_XL_own .t3				10200.000
truck_XL_own .t4				10200.000
truck_XL_own .t5				10200.000
truck_XL_own .t6				10200.000
truck_XL_own .t7				10200.000
truck_XL_own .t8				10200.000
truck_XL_own .t9				10200.000
truck_XL_own .t10				10200.000
truck_XL_own .t11				10200.000
truck_XL_own .t12				10200.000
truckCOOL_XL_out.t8	10200.000		10200.000	

	+	y10	y11	y12	y13
truck_XL_own	.t1	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t2	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t3	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t4	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t5	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t6	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t7	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t8	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t9	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t10	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t11	10200.000	10200.000	10200.000	10200.000
truck_XL_own	.t12	10200.000	10200.000	10200.000	10200.000

	+	y14	y15
truck_XL_own	.t1	10200.000	10200.000
truck_XL_own	.t2	10200.000	10200.000
truck_XL_own	.t3	10200.000	10200.000
truck_XL_own	.t4	10200.000	10200.000
truck_XL_own	.t5	10200.000	10200.000
truck_XL_own	.t6	10200.000	10200.000
truck_XL_own	.t7	10200.000	10200.000
truck_XL_own	.t8	10200.000	10200.000
truck_XL_own	.t9	10200.000	10200.000
truck_XL_own	.t10	10200.000	10200.000
truck_XL_own	.t11	10200.000	10200.000
truck_XL_own	.t12	10200.000	10200.000

INDEX 1 = i1   INDEX 2 = f1   INDEX 3 = sp2

		y1	y2	y3	y4
truck_own	.t4		30600.000		
truck_own	.t9	30600.000			
truck_own	.t10	30600.000			
truck_out	.t9			30600.000	
truck_out	.t12		30600.000		
truckCOOL_own	.t4				30600.000
truckCOOL_own	.t7			61200.000	
truckCOOL_out	.t8	30600.000			
truckCOOL_out	.t12			30600.000	
truck_XL_own	.t5			54920.125	
truck_XL_own	.t10			30600.000	
truck_XL_own	.t12	30600.000			
truck_XL_out	.t3	30600.000			
truck_XL_out	.t8				53247.689
truckCOOL_XL_own.t2				30600.000	
truckCOOL_XL_out.t1			53437.074		
truckCOOL_XL_out.t3					30600.000
truckCOOL_XL_out.t7			30600.000		
truckCOOL_XL_out.t9					7952.311

	+	y5	y6	y7	y8
truck_own	.t3		30600.000		
truck_own	.t9			30600.000	
truck_own	.t11			30600.000	
truck_out	.t4			30600.000	
truck_out	.t6	55298.553			
truck_out	.t10		52348.381		
truckCOOL_own	.t5	30600.000			
truckCOOL_own	.t6				30600.000
truck_XL_own	.t12			30600.000	3282.480
truckCOOL_XL_own.t2					46523.077
truckCOOL_XL_own.t11		30600.000			46523.077
truckCOOL_XL_out.t2				53774.081	
truckCOOL_XL_out.t4			30600.000		
truckCOOL_XL_out.t5				30600.000	

	+	y9	y10	y11	y12
truck_XL_own	.t1	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t2	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t3	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t4	30600.000	30600.000	30600.000	30600.000

truck_XL_own	.t5	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t6	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t7	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t8	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t9	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t10	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t11	30600.000	30600.000	30600.000	30600.000
truck_XL_own	.t12	30600.000	30600.000	30600.000	30600.000

+	y13	y14	y15
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truck_XL_own	.t1	30600.000	30600.000	30600.000
truck_XL_own	.t2	30600.000	30600.000	30600.000
truck_XL_own	.t3	30600.000	30600.000	30600.000
truck_XL_own	.t4	30600.000	30600.000	30600.000
truck_XL_own	.t5	30600.000	30600.000	30600.000
truck_XL_own	.t6	30600.000	30600.000	30600.000
truck_XL_own	.t7	30600.000	30600.000	30600.000
truck_XL_own	.t8	30600.000	30600.000	30600.000
truck_XL_own	.t9	30600.000	30600.000	30600.000
truck_XL_own	.t10	30600.000	30600.000	30600.000
truck_XL_own	.t11	30600.000	30600.000	30600.000
truck_XL_own	.t12	30600.000	30600.000	30600.000

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = rm2

y1	y2	y3	y4
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truck_own	.t9	65076.000		
truck_out	.t2			65076.000
truck_out	.t3		65076.000	
truckCOOL_own	.t10			65076.000
truckCOOL_out	.t1		65076.000	
truckCOOL_out	.t6		65076.000	
truckCOOL_out	.t7		130152.000	
truckCOOL_out	.t10		65076.000	
truck_XL_own	.t1			65076.000
truck_XL_own	.t5		116796.799	
truck_XL_own	.t11		65076.000	65076.000
truck_XL_out	.t2	18433.263		
truckCOOL_XL_own.t4				65076.000
truckCOOL_XL_own.t12			65076.000	
truckCOOL_XL_out.t3				65076.000
truckCOOL_XL_out.t4		130152.000		
truckCOOL_XL_out.t12				65076.000

+	y5	y6	y7	y8
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truck_out	.t5			65076.000
truck_out	.t7		65076.000	
truck_out	.t10			89308.183
truck_out	.t12	65076.000		
truckCOOL_own	.t8			65076.000
truckCOOL_own	.t10	65076.000		
truckCOOL_own	.t11		65076.000	
truckCOOL_out	.t6		130152.000	65076.000
truckCOOL_out	.t7	12550.412		
truckCOOL_out	.t8	65076.000		
truckCOOL_out	.t9		65076.000	
truck_XL_own	.t9	65076.000		
truck_XL_own	.t10		65076.000	
truck_XL_own	.t11	65076.000		
truck_XL_own	.t12		65076.000	6980.740
truckCOOL_XL_own.t6		117601.588		
truckCOOL_XL_own.t9				65076.000

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = rm3

y1	y2	y3	y4
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truckCOOL_own	.t4	5712.000		2856.000
truckCOOL_own	.t6		2856.000	
truckCOOL_own	.t10		5712.000	
truckCOOL_own	.t12		2856.000	2856.000
truckCOOL_out	.t1			2856.000
truckCOOL_out	.t12	2856.000		
truckCOOL_XL_own.t1			4987.460	
truckCOOL_XL_own.t10		2856.000		

truckCOOL_XL_own.t12				2856.000
truckCOOL_XL_out.t2	808.983			
truckCOOL_XL_out.t8	2856.000	2856.000		

	+	y5	y6	y7	y8
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truckCOOL_own .t1		2856.000			
truckCOOL_own .t5					2856.000
truckCOOL_own .t7	550.802				
truckCOOL_own .t9				2856.000	
truckCOOL_own .t10	2856.000	4885.849			
truckCOOL_own .t12	2856.000				
truckCOOL_out .t2		2856.000	5018.914		
truckCOOL_out .t3					1369.846
truckCOOL_out .t5	2856.000				
truckCOOL_XL_own.t9					2856.000
truckCOOL_XL_own.t12		2856.000			
truckCOOL_XL_out.t1	2856.000				
truckCOOL_XL_out.t4					2856.000
truckCOOL_XL_out.t6			5712.000		
truckCOOL_XL_out.t8					2856.000
truckCOOL_XL_out.t11	2856.000				

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = sp1

		y1	y2	y3	y4
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truck_own .t3	10200.000				10200.000
truck_own .t9					2650.770
truck_own .t10					10200.000
truck_own .t11			10200.000		
truck_out .t6					20400.000
truckCOOL_own .t5			18306.708		
truckCOOL_own .t7		10200.000			
truckCOOL_out .t2	2889.226				10200.000
truckCOOL_out .t4		10200.000			
truckCOOL_out .t7	10200.000				
truckCOOL_out .t10		20400.000			
truckCOOL_out .t12	10200.000				
truck_XL_own .t1					10200.000
truck_XL_own .t2		2587.642			
truck_XL_own .t6		10200.000			
truck_XL_own .t9	10200.000				
truck_XL_own .t11					10200.000
truck_XL_out .t1		17812.358			
truck_XL_out .t6	10200.000				
truck_XL_out .t8	10200.000	10200.000			
truck_XL_out .t10	10200.000		10200.000		
truck_XL_out .t11	10200.000				
truckCOOL_XL_own.t1			10200.000		
truckCOOL_XL_own.t3		10200.000	10200.000		
truckCOOL_XL_own.t4					10200.000
truckCOOL_XL_own.t7			20400.000		
truckCOOL_XL_own.t12		10200.000			

	+	y5	y6	y7	y8
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truck_own .t3			2475.306		
truck_own .t6	18432.851				
truck_own .t7		10200.000			
truck_own .t10					13998.148
truck_out .t3	20400.000				
truck_out .t5	10200.000				
truck_out .t8					10200.000
truck_out .t9					10200.000
truck_out .t11		2950.540			15507.692
truckCOOL_own .t1		10200.000	10200.000		
truckCOOL_own .t2		10200.000	17924.694		
truckCOOL_own .t3					4892.308
truckCOOL_own .t6			20400.000		
truckCOOL_own .t10			10200.000		
truckCOOL_out .t1					10200.000
truckCOOL_out .t3		10200.000			
truckCOOL_out .t9		10200.000			
truckCOOL_out .t12		10200.000	10200.000		
truck_XL_own .t4					10200.000
truck_XL_own .t5			10200.000		
truck_XL_own .t12	10200.000				1094.160



truck_XL_out	.t4		10200.000	
truck_XL_out	.t5			10200.000
truckCOOL_XL_own.t1		10200.000		
truckCOOL_XL_own.t2				15507.692
truckCOOL_XL_own.t6				10200.000
truckCOOL_XL_own.t8			10200.000	
truckCOOL_XL_own.t9		10200.000		
truckCOOL_XL_own.t11		10200.000		
truckCOOL_XL_out.t2		10200.000		
truckCOOL_XL_out.t7				10200.000
truckCOOL_XL_out.t10		10200.000		

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = sp2

		y1	y2	y3	y4
truck_own	.t10				30600.000
truck_out	.t1				30600.000
truck_out	.t4	61200.000			
truck_out	.t5				30600.000
truck_out	.t11		30600.000		
truckCOOL_out	.t2	8667.679			
truckCOOL_out	.t11				30600.000
truck_XL_own	.t2		7762.926		
truck_XL_own	.t4		30600.000		
truck_XL_own	.t6		30600.000		61200.000
truck_XL_own	.t8		30600.000		
truck_XL_out	.t2				30600.000
truck_XL_out	.t3		30600.000		
truckCOOL_XL_own.t3				30600.000	
truckCOOL_XL_own.t6				6279.875	
truckCOOL_XL_own.t9			30600.000		
truckCOOL_XL_own.t10			61200.000		
truckCOOL_XL_own.t11		30600.000			
truckCOOL_XL_out.t1		52532.321		30600.000	
truckCOOL_XL_out.t5			30600.000		
truckCOOL_XL_out.t6		30600.000			
truckCOOL_XL_out.t7		30600.000			
truckCOOL_XL_out.t12					30600.000

		+	y5	y6	y7	y8
truck_own	.t1					30600.000
truck_own	.t7			30600.000		
truck_own	.t8			30600.000		
truck_own	.t9			30600.000		
truck_own	.t10				30600.000	
truck_out	.t1	30600.000				
truck_out	.t5		61200.000			
truck_out	.t9					30600.000
truck_out	.t10					41994.443
truckCOOL_own	.t2			30600.000		
truckCOOL_own	.t3				7425.919	
truckCOOL_own	.t7	5901.447				
truckCOOL_own	.t8	30600.000				
truckCOOL_out	.t1		30600.000			
truckCOOL_out	.t7					30600.000
truckCOOL_out	.t8					30600.000
truck_XL_own	.t1			30600.000		
truck_XL_own	.t2	30600.000				
truck_XL_own	.t3	61200.000				
truck_XL_own	.t4					30600.000
truck_XL_own	.t9	30600.000				
truck_XL_own	.t10	30600.000				
truck_XL_own	.t11		8851.619			
truck_XL_out	.t12	30600.000				
truckCOOL_XL_own.t5						30600.000
truckCOOL_XL_own.t8				30600.000		
truckCOOL_XL_own.t12			30600.000			
truckCOOL_XL_out.t3						14676.923
truckCOOL_XL_out.t6				61200.000		

INDEX 1 = f1 INDEX 2 = portPT INDEX 3 = p2

		y1	y2	y3	y4
truck_XL_own	.t1		17.000		17.000
truck_XL_own	.t2			17.000	

truck_XL_own	.t3	17.000	17.000	17.000	17.000
truck_XL_own	.t4		17.000		17.000
truck_XL_own	.t6		17.000		17.000
truck_XL_own	.t7		17.000		
truck_XL_own	.t8	17.000	17.000		17.000
truck_XL_own	.t9	17.000			17.000
truck_XL_own	.t10		17.000	17.000	17.000
truck_XL_own	.t11		17.000		
truck_XL_own	.t12			17.000	17.000
truckCOOL_XL_own.t1		17.000		17.000	
truckCOOL_XL_own.t2		17.000	17.000		17.000
truckCOOL_XL_own.t4		17.000		17.000	
truckCOOL_XL_own.t5		17.000	17.000	17.000	17.000
truckCOOL_XL_own.t6		17.000		17.000	
truckCOOL_XL_own.t7		17.000		17.000	17.000
truckCOOL_XL_own.t8				17.000	
truckCOOL_XL_own.t9			17.000	17.000	
truckCOOL_XL_own.t10		17.000			
truckCOOL_XL_own.t11		17.000		17.000	17.000
truckCOOL_XL_own.t12		17.000	17.000		

+                    y5                    y6                    y7                    y8

truck_XL_own	.t2	17.000	17.000	17.000	
truck_XL_own	.t4	17.000	17.000	17.000	17.000
truck_XL_own	.t5	17.000		17.000	17.000
truck_XL_own	.t6	17.000		17.000	17.000
truck_XL_own	.t7	17.000			17.000
truck_XL_own	.t8		17.000		
truck_XL_own	.t9	17.000			17.000
truck_XL_own	.t10	17.000		17.000	17.000
truck_XL_own	.t11	17.000		17.000	
truck_XL_own	.t12		17.000	17.000	
truckCOOL_XL_own.t1		17.000	17.000	17.000	17.000
truckCOOL_XL_own.t2					17.000
truckCOOL_XL_own.t3		17.000	17.000	17.000	17.000
truckCOOL_XL_own.t5			17.000		
truckCOOL_XL_own.t6			17.000		
truckCOOL_XL_own.t7			17.000	17.000	
truckCOOL_XL_own.t8		17.000		17.000	17.000
truckCOOL_XL_own.t9			17.000	17.000	
truckCOOL_XL_own.t10			17.000		
truckCOOL_XL_own.t11			17.000		17.000
truckCOOL_XL_own.t12		17.000			17.000

+                    y9                    y10                    y11                    y12

truck_XL_own	.t1	17.000	17.000	17.000	17.000
truck_XL_own	.t2	17.000	17.000	17.000	17.000
truck_XL_own	.t3	17.000	17.000	17.000	17.000
truck_XL_own	.t4	17.000	17.000	17.000	17.000
truck_XL_own	.t5	17.000	17.000	17.000	17.000
truck_XL_own	.t6	17.000	17.000	17.000	17.000
truck_XL_own	.t7	17.000	17.000	17.000	17.000
truck_XL_own	.t8	17.000	17.000	17.000	17.000
truck_XL_own	.t9	17.000	17.000	17.000	17.000
truck_XL_own	.t10	17.000	17.000	17.000	17.000
truck_XL_own	.t11	17.000	17.000	17.000	17.000
truck_XL_own	.t12	17.000	17.000	17.000	17.000

+                    y13                    y14                    y15

truck_XL_own	.t1	17.000	17.000	17.000
truck_XL_own	.t2	17.000	17.000	17.000
truck_XL_own	.t3	17.000	17.000	17.000
truck_XL_own	.t4	17.000	17.000	17.000
truck_XL_own	.t5	17.000	17.000	17.000
truck_XL_own	.t6	17.000	17.000	17.000
truck_XL_own	.t7	17.000	17.000	17.000
truck_XL_own	.t8	17.000	17.000	17.000
truck_XL_own	.t9	17.000	17.000	17.000
truck_XL_own	.t10	17.000	17.000	17.000
truck_XL_own	.t11	17.000	17.000	17.000
truck_XL_own	.t12	17.000	17.000	17.000

INDEX 1 = airBR    INDEX 2 = j1    INDEX 3 = p2

                  y2                    y3                    y6                    y7

truck_XL_own	.t1		17.000	
truck_XL_own	.t2		17.000	
truck_XL_own	.t6	17.000		
truck_XL_own	.t12		17.000	
truckCOOL_XL_own.t4		17.000		
truckCOOL_XL_own.t5		17.000		17.000

+ y8

truck_XL_own	.t3	17.000
truck_XL_own	.t4	17.000
truck_XL_own	.t10	17.000

INDEX 1 = portPT INDEX 2 = portBR INDEX 3 = p2

		y1	y2	y3	y4
boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000	17.000

+ y5 y6 y7 y8

boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000	17.000

+ y9 y10 y11 y12

boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000	17.000

+ y13 y14 y15

boat	.t1	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000

INDEX 1 = portBR INDEX 2 = j1 INDEX 3 = p2

		y1	y2	y3	y4
truck_XL_own	.t1	17.000			
truck_XL_own	.t2	17.000	17.000		
truck_XL_own	.t3	17.000	17.000	17.000	
truck_XL_own	.t4			17.000	
truck_XL_own	.t5	17.000	17.000		
truck_XL_own	.t6	17.000			
truck_XL_own	.t7	17.000	17.000		
truck_XL_own	.t8			17.000	
truck_XL_own	.t9	17.000		17.000	
truck_XL_own	.t11			17.000	17.000
truck_XL_own	.t12		17.000		17.000
truckCOOL_XL_own.t1			17.000	17.000	17.000
truckCOOL_XL_own.t2				17.000	17.000
truckCOOL_XL_own.t3					17.000
truckCOOL_XL_own.t4	17.000				17.000
truckCOOL_XL_own.t5					17.000
truckCOOL_XL_own.t6			17.000		17.000
truckCOOL_XL_own.t7				17.000	17.000
truckCOOL_XL_own.t8	17.000		17.000		17.000
truckCOOL_XL_own.t9			17.000		17.000
truckCOOL_XL_own.t10	17.000		17.000	17.000	17.000
truckCOOL_XL_own.t11	17.000		17.000		
truckCOOL_XL_own.t12	17.000			17.000	
+		y5	y6	y7	y8
truck_XL_own	.t1	17.000		17.000	17.000
truck_XL_own	.t2	17.000		17.000	17.000
truck_XL_own	.t3	17.000	17.000		
truck_XL_own	.t4		17.000		
truck_XL_own	.t5		17.000		17.000
truck_XL_own	.t6			17.000	17.000
truck_XL_own	.t8		17.000	17.000	
truck_XL_own	.t9		17.000	17.000	
truck_XL_own	.t10		17.000		
truck_XL_own	.t11		17.000		17.000
truck_XL_own	.t12			17.000	
truckCOOL_XL_own.t3				17.000	
truckCOOL_XL_own.t4	17.000			17.000	
truckCOOL_XL_own.t5	17.000				
truckCOOL_XL_own.t6	17.000		17.000		
truckCOOL_XL_own.t7	17.000		17.000	17.000	17.000
truckCOOL_XL_own.t8	17.000				17.000
truckCOOL_XL_own.t9	17.000				17.000
truckCOOL_XL_own.t10	17.000			17.000	
truckCOOL_XL_own.t11	17.000			17.000	
truckCOOL_XL_own.t12	17.000				17.000
+		y9	y10	y11	y12
truck_XL_own	.t1	17.000		17.000	17.000
truck_XL_own	.t2			17.000	
truck_XL_own	.t3	17.000		17.000	17.000
truck_XL_own	.t4	17.000	17.000	17.000	
truck_XL_own	.t5	17.000	17.000		
truck_XL_own	.t6	17.000		17.000	
truck_XL_own	.t7		17.000		17.000
truck_XL_own	.t8				17.000
truck_XL_own	.t9		17.000		17.000
truck_XL_own	.t10	17.000		17.000	
truck_XL_own	.t11		17.000	17.000	17.000
truck_XL_own	.t12	17.000			17.000
truckCOOL_XL_own.t1			17.000		
truckCOOL_XL_own.t2	17.000		17.000		17.000
truckCOOL_XL_own.t3			17.000		
truckCOOL_XL_own.t4					17.000
truckCOOL_XL_own.t5				17.000	17.000
truckCOOL_XL_own.t6			17.000		17.000
truckCOOL_XL_own.t7	17.000			17.000	
truckCOOL_XL_own.t8	17.000		17.000	17.000	
truckCOOL_XL_own.t9	17.000			17.000	
truckCOOL_XL_own.t10			17.000		17.000
truckCOOL_XL_own.t11	17.000				
truckCOOL_XL_own.t12			17.000	17.000	
+		y13	y14	y15	

truck_XL_own	.t1	17.000		
truck_XL_own	.t3		17.000	17.000
truck_XL_own	.t4	17.000		
truck_XL_own	.t5		17.000	17.000
truck_XL_own	.t6	17.000		17.000
truck_XL_own	.t7			17.000
truck_XL_own	.t8	17.000	17.000	
truck_XL_own	.t9	17.000	17.000	17.000
truck_XL_own	.t10	17.000	17.000	17.000
truck_XL_own	.t12	17.000		
truckCOOL_XL_own.t1			17.000	17.000
truckCOOL_XL_own.t2	17.000		17.000	17.000
truckCOOL_XL_own.t3	17.000			
truckCOOL_XL_own.t4			17.000	17.000
truckCOOL_XL_own.t5	17.000			
truckCOOL_XL_own.t6			17.000	
truckCOOL_XL_own.t7	17.000		17.000	
truckCOOL_XL_own.t8				17.000
truckCOOL_XL_own.t11	17.000		17.000	17.000
truckCOOL_XL_own.t12			17.000	17.000

INDEX 1 = portBR INDEX 2 = airBR INDEX 3 = p2

	y2	y3	y6	y7
truck_XL_own	.t1		17.000	
truck_XL_own	.t5	17.000		17.000
truck_XL_own	.t6	17.000		
truck_XL_own	.t12		17.000	
truckCOOL_XL_own.t2			17.000	
truckCOOL_XL_own.t4	17.000			
+				
	y8			
truck_XL_own	.t4	17.000		
truckCOOL_XL_own.t3	17.000			
truckCOOL_XL_own.t10	17.000			

---- 1215 VARIABLE Forming.L Forming scenario s is active

p2 1.000

---- 1215 VARIABLE MatOrder.L Order quantity of material m from supplier i to plant f in day d (in units)

INDEX 1 = i1 INDEX 2 = f1

	y1	y2	y3	y4	y5	y6
rm2.t1	226.840	230.747			132.134	132.134
rm2.t2		33.521	132.134		132.134	132.134
rm2.t3	132.134		132.134		264.268	132.134
rm2.t4		132.134	132.134			132.134
rm2.t5		132.134		132.134	132.134	264.268
rm2.t6	132.134		27.117	264.268		
rm2.t7	132.134	132.134				
rm2.t8	132.134	132.134		229.929		132.134
rm2.t9		132.134	132.134	34.339		132.134
rm2.t10	132.134	264.268				226.046
rm2.t11	132.134					38.222
rm2.t12	132.134	132.134				
rm3.t1	21.317		12.417			
rm3.t2		3.150	12.417	12.417	12.417	
rm3.t3	12.417	12.417	12.417	12.417	24.835	12.417
rm3.t4		12.417		12.417		12.417
rm3.t5		12.417	22.286	12.417		24.835
rm3.t6	12.417		2.548	24.835	22.440	
rm3.t7	12.417	12.417	24.835			12.417
rm3.t8				21.608	12.417	12.417
rm3.t9	12.417	12.417	12.417	3.227	12.417	12.417
rm3.t10			12.417	12.417		
rm3.t11	12.417		12.417	12.417		3.592
sp1.t1	350.215					
sp1.t2			204.000			
sp1.t4	408.000		204.000			204.000

sp1.t5		204.000		204.000		408.000
sp1.t6			41.866			
sp1.t7					39.343	
sp1.t8				354.985	204.000	
sp1.t9		204.000	204.000			
sp1.t10						348.989
sp1.t12			204.000	204.000		
sp2.t1		1068.741				
sp2.t2			612.000			
sp2.t3	612.000			612.000		612.000
sp2.t4		612.000		612.000		612.000
sp2.t5			1098.403		612.000	
sp2.t6					1105.971	
sp2.t7		612.000	1224.000			
sp2.t8	612.000			1064.954		
sp2.t9	612.000		612.000	159.046		
sp2.t10	612.000		612.000			1046.968
sp2.t11					612.000	
sp2.t12	612.000	612.000	612.000			

	+	y7	y8	y9	y10	y11	y12
rm2.t1		132.134	132.134	132.134	132.134	132.134	132.134
rm2.t2		232.202	200.892	132.134	132.134	132.134	132.134
rm2.t3		32.066	63.376	132.134	132.134	132.134	132.134
rm2.t4		132.134	132.134	132.134	132.134	132.134	132.134
rm2.t5		132.134		132.134	132.134	132.134	132.134
rm2.t6				132.134	132.134	132.134	132.134
rm2.t7			132.134	132.134	132.134	132.134	132.134
rm2.t8		132.134		132.134	132.134	132.134	132.134
rm2.t9				132.134	132.134	132.134	132.134
rm2.t10				132.134	132.134	132.134	132.134
rm2.t11			200.892	132.134	132.134	132.134	132.134
rm2.t12		132.134		132.134	132.134	132.134	132.134
rm3.t1		12.417	12.417	12.417	12.417	12.417	12.417
rm3.t2			18.879	12.417	12.417	12.417	12.417
rm3.t3		3.013		12.417	12.417	12.417	12.417
rm3.t4		12.417		12.417	12.417	12.417	12.417
rm3.t5		12.417		12.417	12.417	12.417	12.417
rm3.t6			12.417	12.417	12.417	12.417	12.417
rm3.t7			12.417	12.417	12.417	12.417	12.417
rm3.t8		12.417		12.417	12.417	12.417	12.417
rm3.t9				12.417	12.417	12.417	12.417
rm3.t10		12.417	17.041	12.417	12.417	12.417	12.417
rm3.t11		12.417	18.879	12.417	12.417	12.417	12.417
rm3.t12		12.417	1.332	12.417	12.417	12.417	12.417
sp1.t1				204.000	204.000	204.000	204.000
sp1.t2				204.000	204.000	204.000	204.000
sp1.t3				204.000	204.000	204.000	204.000
sp1.t4				204.000	204.000	204.000	204.000
sp1.t5				204.000	204.000	204.000	204.000
sp1.t6				204.000	204.000	204.000	204.000
sp1.t7				204.000	204.000	204.000	204.000
sp1.t8		204.000		204.000	204.000	204.000	204.000
sp1.t9		204.000		204.000	204.000	204.000	204.000
sp1.t10				204.000	204.000	204.000	204.000
sp1.t11		204.000		204.000	204.000	204.000	204.000
sp1.t12				204.000	204.000	204.000	204.000
sp2.t1				612.000	612.000	612.000	612.000
sp2.t2		1075.482	930.462	612.000	612.000	612.000	612.000
sp2.t3				612.000	612.000	612.000	612.000
sp2.t4		612.000		612.000	612.000	612.000	612.000
sp2.t5		612.000		612.000	612.000	612.000	612.000
sp2.t6			612.000	612.000	612.000	612.000	612.000
sp2.t7				612.000	612.000	612.000	612.000
sp2.t8				612.000	612.000	612.000	612.000
sp2.t9		612.000		612.000	612.000	612.000	612.000
sp2.t10				612.000	612.000	612.000	612.000
sp2.t11		612.000	930.462	612.000	612.000	612.000	612.000
sp2.t12		612.000	65.650	612.000	612.000	612.000	612.000

	+	y13	y14	y15
rm2.t1		132.134	132.134	132.134
rm2.t2		132.134	132.134	132.134
rm2.t3		132.134	132.134	132.134
rm2.t4		132.134	132.134	132.134
rm2.t5		132.134	132.134	132.134

rm2.t6	132.134	132.134	132.134
rm2.t7	132.134	132.134	132.134
rm2.t8	132.134	132.134	132.134
rm2.t9	132.134	132.134	132.134
rm2.t10	132.134	132.134	132.134
rm2.t11	132.134	132.134	132.134
rm2.t12	132.134	132.134	132.134
rm3.t1	12.417	12.417	12.417
rm3.t2	12.417	12.417	12.417
rm3.t3	12.417	12.417	12.417
rm3.t4	12.417	12.417	12.417
rm3.t5	12.417	12.417	12.417
rm3.t6	12.417	12.417	12.417
rm3.t7	12.417	12.417	12.417
rm3.t8	12.417	12.417	12.417
rm3.t9	12.417	12.417	12.417
rm3.t10	12.417	12.417	12.417
rm3.t11	12.417	12.417	12.417
rm3.t12	12.417	12.417	12.417
sp1.t1	204.000	204.000	204.000
sp1.t2	204.000	204.000	204.000
sp1.t3	204.000	204.000	204.000
sp1.t4	204.000	204.000	204.000
sp1.t5	204.000	204.000	204.000
sp1.t6	204.000	204.000	204.000
sp1.t7	204.000	204.000	204.000
sp1.t8	204.000	204.000	204.000
sp1.t9	204.000	204.000	204.000
sp1.t10	204.000	204.000	204.000
sp1.t11	204.000	204.000	204.000
sp1.t12	204.000	204.000	204.000
sp2.t1	612.000	612.000	612.000
sp2.t2	612.000	612.000	612.000
sp2.t3	612.000	612.000	612.000
sp2.t4	612.000	612.000	612.000
sp2.t5	612.000	612.000	612.000
sp2.t6	612.000	612.000	612.000
sp2.t7	612.000	612.000	612.000
sp2.t8	612.000	612.000	612.000
sp2.t9	612.000	612.000	612.000
sp2.t10	612.000	612.000	612.000
sp2.t11	612.000	612.000	612.000
sp2.t12	612.000	612.000	612.000

INDEX 1 = i3 INDEX 2 = f1

	y1	y2	y3	y4	y5	y6
rm2.t1			132.134	132.134		
rm2.t2	37.428			132.134		
rm2.t3		132.134		132.134		
rm2.t4	264.268			132.134		
rm2.t5			237.151			
rm2.t6		132.134			238.785	
rm2.t7			264.268		25.483	132.134
rm2.t8					132.134	
rm2.t9	132.134				132.134	
rm2.t10			132.134	132.134	132.134	
rm2.t11			132.134	132.134	132.134	
rm2.t12			132.134	132.134	132.134	132.134
rm3.t1		21.685		12.417	12.417	12.417
rm3.t2	3.517					12.417
rm3.t4	24.835		12.417			
rm3.t5					12.417	
rm3.t6		12.417				
rm3.t7					2.395	
rm3.t8	12.417	12.417				
rm3.t10	12.417	24.835			12.417	21.243
rm3.t11					12.417	
rm3.t12	12.417	12.417	12.417	12.417	12.417	12.417
sp1.t1		356.247	204.000	204.000	204.000	204.000
sp1.t2	57.785	51.753		204.000	204.000	204.000
sp1.t3	204.000	204.000	204.000	204.000	408.000	204.000
sp1.t4		204.000		204.000		
sp1.t5			366.134		204.000	
sp1.t6	204.000	204.000		408.000	368.657	
sp1.t7	204.000	204.000	408.000			204.000
sp1.t8	204.000	204.000				204.000

sp1.t9	204.000			53.015	204.000	204.000
sp1.t10	204.000	408.000	204.000	204.000	204.000	
sp1.t11	204.000		204.000	204.000	204.000	59.011
sp1.t12	204.000	204.000			204.000	204.000
sp2.t1	1050.646		612.000	612.000	612.000	612.000
sp2.t2	173.354	155.259		612.000	612.000	612.000
sp2.t3		612.000	612.000		1224.000	
sp2.t4	1224.000		612.000			
sp2.t5		612.000		612.000		1224.000
sp2.t6	612.000	612.000	125.597	1224.000		
sp2.t7	612.000				118.029	612.000
sp2.t8		612.000			612.000	612.000
sp2.t9		612.000			612.000	612.000
sp2.t10		1224.000		612.000	612.000	
sp2.t11	612.000		612.000	612.000		177.032
sp2.t12				612.000	612.000	612.000

+ y7 y8

rm2.t5		132.134
rm2.t6	264.268	132.134
rm2.t8		132.134
rm2.t9	132.134	132.134
rm2.t10	132.134	181.336
rm2.t11	132.134	
rm2.t12		14.174
rm3.t2	21.821	
rm3.t3		5.956
rm3.t4		12.417
rm3.t5		12.417
rm3.t6	24.835	
rm3.t8		12.417
rm3.t9	12.417	12.417
sp1.t1	204.000	204.000
sp1.t2	358.494	310.154
sp1.t3	49.506	97.846
sp1.t4	204.000	204.000
sp1.t5	204.000	204.000
sp1.t6	408.000	204.000
sp1.t7		204.000
sp1.t8		204.000
sp1.t9		204.000
sp1.t10	204.000	279.963
sp1.t11		310.154
sp1.t12	204.000	21.883
sp2.t1	612.000	612.000
sp2.t3	148.518	293.538
sp2.t4		612.000
sp2.t5		612.000
sp2.t6	1224.000	
sp2.t7		612.000
sp2.t8	612.000	612.000
sp2.t9		612.000
sp2.t10	612.000	839.889

---- 1215 VARIABLE StockLevel.L Amount of material m stored in facility w in day d

INDEX 1 = f1

	y1	y2	y3	y4	y5	y6
p2 .t1	12.185	12.687				
p2 .t3					17.000	
p2 .t4	17.000					
p2 .t5			13.511			17.000
p2 .t6				17.000	13.721	
p2 .t7			17.000			
p2 .t8				12.582		
p2 .t10		17.000				12.082

+ y7 y8

p2 .t2	12.874	8.846
p2 .t6	17.000	
p2 .t10		6.330
p2 .t11		15.176



---- 1215 VARIABLE vFixedCapInvest.L Fixed capital investment of each investment gamma

fac 550000.000, equip 7.506514E+8

---- 1215 VARIABLE vCashFlow.L Cash Flow

y9 -4.52024E+6, y10 -4.52024E+6, y11 -4.52684E+6, y12 -4.52684E+6  
y13 -4.52684E+6, y14 -4.52684E+6, y15 -4.22434E+6

---- 1215 VARIABLE HireResource.L Hire resource

y1

o2 1.000  
o4 1.000  
l1 3.000

---- 1215 VARIABLE FireResource.L Fire resource

y8

l1 1.000

---- 1215 VARIABLE Manuf\_NrResource.L Number of resources to hire for line f in period t

	y1	y2	y3	y4	y5	y6
o2	1.000	1.000	1.000	1.000	1.000	1.000
o4	1.000	1.000	1.000	1.000	1.000	1.000
l1	3.000	3.000	3.000	3.000	3.000	3.000
+	y7	y8	y9	y10	y11	y12
o2	1.000	1.000	1.000	1.000	1.000	1.000
o4	1.000	1.000	1.000	1.000	1.000	1.000
l1	3.000	2.000	2.000	2.000	2.000	2.000
+	y13	y14	y15			
o2	1.000	1.000	1.000			
o4	1.000	1.000	1.000			
l1	2.000	2.000	2.000			

---- 1215 VARIABLE NrTrips.L Number of trips with transportation mode trm between entity lo and entity ld in time period (d t)

INDEX 1 = truck\_own INDEX 2 = i1

	y1	y2	y4	y5	y6
f1 .t1				0.505	
f1 .t2					0.505
f1 .t3					1.224
f1 .t4		1.224			
f1 .t8			0.710		
f1 .t9	1.224				
f1 .t10	1.224				
+	y7				
f1 .t9	1.224				
f1 .t11	1.632				
f1 .t12	0.505				

INDEX 1 = truck\_own INDEX 2 = i3

y1	y3	y4	y5	y6
----	----	----	----	----

f1	.t3	0.408	0.408		
f1	.t6			0.737	
f1	.t7				1.632
f1	.t8				1.224
f1	.t9	0.505	0.106		1.224
f1	.t10		1.632		
f1	.t11		0.408		

+ y7 y8

f1	.t1		1.224		
f1	.t3	0.099			
f1	.t10	1.224	0.560		

INDEX 1 = truck\_out INDEX 2 = i1

y2 y3 y4 y5 y6

f1	.t1				0.505
f1	.t2		0.505		
f1	.t5	0.408			1.010
f1	.t6			2.212	
f1	.t7			0.079	
f1	.t8		0.879		
f1	.t9		1.224		
f1	.t10				2.094
f1	.t12	1.224			

+ y7 y8

f1	.t4	1.224			
f1	.t11		0.768		

INDEX 1 = truck\_out INDEX 2 = i3

y1 y2 y3 y4 y5

f1	.t1			1.224	1.224
f1	.t2			0.505	
f1	.t3		0.505		0.816
f1	.t4	2.448			
f1	.t5			1.224	0.408
f1	.t6			0.816	
f1	.t11		1.224		
f1	.t12				0.505

+ y6 y8

f1	.t5	2.448	0.505		
f1	.t7	0.505			
f1	.t8		0.408		
f1	.t9		1.632		
f1	.t10		2.373		
f1	.t11	0.118	0.620		

INDEX 1 = truckCOOL\_own INDEX 2 = i1

y1 y2 y3 y4 y5

f1	.t1	0.196			
f1	.t2		0.114		
f1	.t3				1.010
f1	.t4		0.619	0.505	
f1	.t5			0.505	1.224
f1	.t6			0.104	
f1	.t7	0.114		2.448	
f1	.t9			0.505	
f1	.t10	0.505			
f1	.t12	0.505			

+ y6 y7 y8

f1	.t1		0.505	0.114	
f1	.t2		0.887		
f1	.t3	0.114	0.028		
f1	.t4	0.408			
f1	.t5		0.114		
f1	.t6			1.224	

f1	.t7	0.114	
f1	.t8		0.114
f1	.t9	0.505	
f1	.t12		0.114

INDEX 1 = truckCOOL\_own INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t4	0.228		0.114		
f1	.t5			0.732		
f1	.t6		0.114			
f1	.t7		0.408			0.258
f1	.t8					1.224
f1	.t10		0.228		0.505	0.619
f1	.t12		0.114	0.114		0.114

+ y6 y7 y8

f1	.t1	0.522	0.408			
f1	.t2	1.632	0.717			
f1	.t3		0.297	0.196		
f1	.t5			0.114		
f1	.t6		0.816			
f1	.t8			0.505		
f1	.t9		0.114			
f1	.t10	0.195	0.408			
f1	.t11		0.505			

INDEX 1 = truckCOOL\_out INDEX 2 = i1

		y1	y2	y3	y4	y5
f1	.t1		0.882			
f1	.t2					0.505
f1	.t3	0.619			0.114	
f1	.t4			0.408		
f1	.t5		0.114			
f1	.t6	0.505				0.206
f1	.t7	0.505		0.228		
f1	.t8	1.224				
f1	.t9		0.913			
f1	.t11				0.114	
f1	.t12			1.224		

+ y6 y7

f1	.t5	0.816	
f1	.t9	0.114	0.408
f1	.t10	1.562	
f1	.t11		0.114

INDEX 1 = truckCOOL\_out INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t1			0.505	0.114	
f1	.t2	0.462			0.408	
f1	.t4		0.408			
f1	.t5					0.114
f1	.t6		0.505			
f1	.t7	0.408		1.010		0.097
f1	.t8					0.505
f1	.t10		0.816	0.505		
f1	.t11				1.224	
f1	.t12	0.522				

+ y6 y7 y8

f1	.t1	1.224		0.408		
f1	.t2	0.114	0.201			
f1	.t3	0.408		0.055		
f1	.t6		1.010	0.505		
f1	.t7			1.224		
f1	.t8			1.224		
f1	.t9	0.408	0.505			
f1	.t12	0.408	0.408			

INDEX 1 = truck\_XL\_own INDEX 2 = i1

		y1	y2	y3	y4	y7
f1	.t1	0.438				
f1	.t3			0.316		
f1	.t4	0.510				
f1	.t5		0.316	1.373		
f1	.t6			0.052		
f1	.t8		0.316			0.316
f1	.t10			0.765		
f1	.t11	0.316				
f1	.t12	0.765	0.316		0.255	0.765
+		y8	y9	y10	y11	y12
f1	.t1		1.336	1.336	1.336	1.336
f1	.t2		1.336	1.336	1.336	1.336
f1	.t3		1.336	1.336	1.336	1.336
f1	.t4	0.316	1.336	1.336	1.336	1.336
f1	.t5		1.336	1.336	1.336	1.336
f1	.t6		1.336	1.336	1.336	1.336
f1	.t7		1.336	1.336	1.336	1.336
f1	.t8		1.336	1.336	1.336	1.336
f1	.t9		1.336	1.336	1.336	1.336
f1	.t10		1.336	1.336	1.336	1.336
f1	.t11		1.336	1.336	1.336	1.336
f1	.t12	0.082	1.336	1.336	1.336	1.336
+		y13	y14	y15		
f1	.t1	1.336	1.336	1.336		
f1	.t2	1.336	1.336	1.336		
f1	.t3	1.336	1.336	1.336		
f1	.t4	1.336	1.336	1.336		
f1	.t5	1.336	1.336	1.336		
f1	.t6	1.336	1.336	1.336		
f1	.t7	1.336	1.336	1.336		
f1	.t8	1.336	1.336	1.336		
f1	.t9	1.336	1.336	1.336		
f1	.t10	1.336	1.336	1.336		
f1	.t11	1.336	1.336	1.336		
f1	.t12	1.336	1.336	1.336		

INDEX 1 = truck\_XL\_own INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t1				0.571	
f1	.t2		0.259			0.765
f1	.t3					1.530
f1	.t4			0.765		
f1	.t5			0.566		
f1	.t6		1.020		1.530	
f1	.t8		0.765			
f1	.t9	0.255				1.081
f1	.t10					0.765
f1	.t11			0.316	0.571	0.316
f1	.t12					0.255
+		y6	y7	y8		
f1	.t1		0.765			
f1	.t4			1.020		
f1	.t5		0.255			
f1	.t10		0.316			
f1	.t11	0.221				
f1	.t12	0.316		0.061		

INDEX 1 = truck\_XL\_own INDEX 2 = f1

		y1	y2	y3	y4	y5
portPT.t1			4.250		4.250	
portPT.t2				4.250		4.250
portPT.t3	4.250		4.250	4.250	4.250	
portPT.t4			4.250		4.250	4.250
portPT.t5						4.250

portPT.t6		4.250		4.250	4.250
portPT.t7		4.250			4.250
portPT.t8	4.250	4.250		4.250	
portPT.t9	4.250			4.250	4.250
portPT.t10		4.250	4.250	4.250	4.250
portPT.t11		4.250			4.250
portPT.t12			4.250	4.250	

+	y6	y7	y8	y9	y10
---	----	----	----	----	-----

portPT.t1				4.250	4.250
portPT.t2	4.250	4.250		4.250	4.250
portPT.t3				4.250	4.250
portPT.t4	4.250	4.250	4.250	4.250	4.250
portPT.t5		4.250	4.250	4.250	4.250
portPT.t6		4.250	4.250	4.250	4.250
portPT.t7			4.250	4.250	4.250
portPT.t8	4.250			4.250	4.250
portPT.t9			4.250	4.250	4.250
portPT.t10		4.250	4.250	4.250	4.250
portPT.t11		4.250		4.250	4.250
portPT.t12	4.250	4.250		4.250	4.250

+	y11	y12	y13	y14	y15
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portPT.t1	4.250	4.250	4.250	4.250	4.250
portPT.t2	4.250	4.250	4.250	4.250	4.250
portPT.t3	4.250	4.250	4.250	4.250	4.250
portPT.t4	4.250	4.250	4.250	4.250	4.250
portPT.t5	4.250	4.250	4.250	4.250	4.250
portPT.t6	4.250	4.250	4.250	4.250	4.250
portPT.t7	4.250	4.250	4.250	4.250	4.250
portPT.t8	4.250	4.250	4.250	4.250	4.250
portPT.t9	4.250	4.250	4.250	4.250	4.250
portPT.t10	4.250	4.250	4.250	4.250	4.250
portPT.t11	4.250	4.250	4.250	4.250	4.250
portPT.t12	4.250	4.250	4.250	4.250	4.250

INDEX 1 = truck\_XL\_own INDEX 2 = airBR

y3	y6	y8
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j1 .t1	4.250	
j1 .t2	4.250	
j1 .t3		4.250
j1 .t4		4.250
j1 .t6	4.250	
j1 .t10		4.250
j1 .t12	4.250	

INDEX 1 = truck\_XL\_own INDEX 2 = portBR

y1	y2	y3	y4	y5
----	----	----	----	----

j1 .t1	4.250			4.250
j1 .t2	4.250	4.250		4.250
j1 .t3	4.250	4.250	4.250	4.250
j1 .t4			4.250	
j1 .t5	4.250	4.250		
j1 .t6	4.250			
j1 .t7	4.250	4.250		
j1 .t8			4.250	
j1 .t9	4.250		4.250	
j1 .t11			4.250	4.250
j1 .t12		4.250		4.250
airBR .t5			4.250	
airBR .t6			4.250	

+	y6	y7	y8	y9	y10
---	----	----	----	----	-----

j1 .t1		4.250	4.250	4.250	
j1 .t2		4.250	4.250		
j1 .t3	4.250			4.250	
j1 .t4	4.250			4.250	4.250
j1 .t5	4.250		4.250	4.250	4.250
j1 .t6		4.250	4.250	4.250	
j1 .t7					4.250
j1 .t8	4.250	4.250			

j1	.t9	4.250	4.250		4.250
j1	.t10	4.250		4.250	
j1	.t11	4.250		4.250	4.250
j1	.t12		4.250	4.250	
airBR	.t1	4.250			
airBR	.t4			4.250	
airBR	.t5		4.250		
airBR	.t12	4.250			

+	y11	y12	y13	y14	y15
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j1	.t1	4.250	4.250	4.250	
j1	.t2	4.250			
j1	.t3	4.250	4.250		4.250
j1	.t4	4.250		4.250	
j1	.t5			4.250	4.250
j1	.t6	4.250		4.250	4.250
j1	.t7		4.250		4.250
j1	.t8		4.250	4.250	
j1	.t9		4.250	4.250	4.250
j1	.t10	4.250		4.250	4.250
j1	.t11	4.250	4.250		
j1	.t12		4.250		

INDEX 1 = truck\_XL\_out INDEX 2 = i1

y1	y2	y4	y6	y7
----	----	----	----	----

f1	.t3	0.765		0.316	
f1	.t4				0.316
f1	.t7		0.316		
f1	.t8	0.316		1.331	
f1	.t10		0.631		
f1	.t11			0.091	

INDEX 1 = truck\_XL\_out INDEX 2 = i3

y1	y2	y3	y4	y5
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f1	.t1		0.445		
f1	.t2	0.089		0.765	
f1	.t3		0.765		
f1	.t6	0.255			
f1	.t8	0.255	0.255		
f1	.t10	0.255		0.255	
f1	.t11	0.255			
f1	.t12				0.765

+	y7	y8
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f1	.t4	0.255
f1	.t5	0.255

INDEX 1 = truckCOOL\_XL\_own INDEX 2 = i1

y1	y2	y3	y4	y5
----	----	----	----	----

f1	.t1	0.542			
f1	.t2		0.018	1.020	0.071
f1	.t3		0.071		0.143
f1	.t4			0.071	
f1	.t5			0.128	0.255
f1	.t6			0.143	
f1	.t8			0.124	0.071
f1	.t9		0.071	0.255	0.019
f1	.t11	0.071			0.765

+	y6	y7	y8	y9	y10
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f1	.t1		0.316	0.071	0.071
f1	.t2		1.272	0.071	0.071
f1	.t3		0.151	0.071	0.071
f1	.t4	0.071	0.071	0.071	0.071
f1	.t5			0.071	0.071
f1	.t6		0.071	0.071	0.071
f1	.t7		0.071	0.071	0.071
f1	.t8			0.071	0.071
f1	.t9			0.071	0.071

f1	.t10			0.071	0.071
f1	.t11	0.021	1.272	0.071	0.071
f1	.t12		0.008	0.071	0.071

	+	y11	y12	y13	y14	y15
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f1	.t1	0.071	0.071	0.071	0.071	0.071
f1	.t2	0.071	0.071	0.071	0.071	0.071
f1	.t3	0.071	0.071	0.071	0.071	0.071
f1	.t4	0.071	0.071	0.071	0.071	0.071
f1	.t5	0.071	0.071	0.071	0.071	0.071
f1	.t6	0.071	0.071	0.071	0.071	0.071
f1	.t7	0.071	0.071	0.071	0.071	0.071
f1	.t8	0.071	0.071	0.071	0.071	0.071
f1	.t9	0.071	0.071	0.071	0.071	0.071
f1	.t10	0.071	0.071	0.071	0.071	0.071
f1	.t11	0.071	0.071	0.071	0.071	0.071
f1	.t12	0.071	0.071	0.071	0.071	0.071

INDEX 1 = truckCOOL\_XL\_own INDEX 2 = i3

	y1	y2	y3	y4	y5
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f1	.t1		0.125	0.255		0.255
f1	.t3		0.255	1.020		
f1	.t4				0.571	
f1	.t6			0.157		0.570
f1	.t7			0.510		
f1	.t9		0.765			0.255
f1	.t10	0.071	1.530			
f1	.t11	0.765				0.255
f1	.t12		0.255	0.316	0.071	

	+	y6	y7	y8
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f1	.t2			0.388
f1	.t5			0.765
f1	.t6			0.255
f1	.t8	0.255	0.765	
f1	.t9			0.387
f1	.t12	0.836		

INDEX 1 = truckCOOL\_XL\_own INDEX 2 = f1

	y1	y2	y3	y4	y5
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portPT.t1	4.250		4.250		4.250
portPT.t2	4.250	4.250		4.250	
portPT.t3					4.250
portPT.t4	4.250		4.250		
portPT.t5	4.250	4.250	4.250	4.250	
portPT.t6	4.250		4.250		
portPT.t7	4.250		4.250	4.250	
portPT.t8			4.250		4.250
portPT.t9		4.250	4.250		
portPT.t10	4.250				
portPT.t11	4.250		4.250	4.250	
portPT.t12	4.250	4.250			4.250

	+	y6	y7	y8
--	---	----	----	----

portPT.t1	4.250	4.250	4.250
portPT.t2			4.250
portPT.t3	4.250	4.250	4.250
portPT.t5	4.250		
portPT.t6	4.250		
portPT.t7	4.250	4.250	
portPT.t8		4.250	4.250
portPT.t9	4.250	4.250	
portPT.t10	4.250		
portPT.t11	4.250		4.250
portPT.t12			4.250

INDEX 1 = truckCOOL\_XL\_own INDEX 2 = airBR

	y2	y3	y7
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j1	.t4	4.250
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j1 .t5 4.250 4.250

INDEX 1 = truckCOOL\_XL\_own INDEX 2 = portBR

	y1	y2	y3	y4	y5
j1 .t1		4.250	4.250	4.250	
j1 .t2			4.250	4.250	
j1 .t3				4.250	
j1 .t4	4.250			4.250	4.250
j1 .t5				4.250	4.250
j1 .t6		4.250		4.250	4.250
j1 .t7			4.250	4.250	4.250
j1 .t8	4.250	4.250		4.250	4.250
j1 .t9		4.250		4.250	4.250
j1 .t10	4.250	4.250	4.250	4.250	4.250
j1 .t11	4.250	4.250			4.250
j1 .t12	4.250		4.250		4.250
airBR .t4		4.250			

	+ y6	y7	y8	y9	y10
j1 .t1					4.250
j1 .t2				4.250	4.250
j1 .t3		4.250			4.250
j1 .t4		4.250			
j1 .t6	4.250				4.250
j1 .t7	4.250	4.250	4.250	4.250	
j1 .t8			4.250	4.250	4.250
j1 .t9			4.250	4.250	
j1 .t10		4.250			4.250
j1 .t11		4.250		4.250	
j1 .t12			4.250		4.250
airBR .t2	4.250				
airBR .t3			4.250		
airBR .t10			4.250		

	+ y11	y12	y13	y14	y15
j1 .t1				4.250	4.250
j1 .t2		4.250	4.250	4.250	4.250
j1 .t3			4.250		
j1 .t4		4.250		4.250	4.250
j1 .t5	4.250	4.250	4.250		
j1 .t6		4.250		4.250	
j1 .t7	4.250		4.250	4.250	
j1 .t8	4.250				4.250
j1 .t9	4.250				
j1 .t10		4.250			
j1 .t11			4.250	4.250	4.250
j1 .t12	4.250			4.250	4.250

INDEX 1 = truckCOOL\_XL\_out INDEX 2 = i1

	y1	y2	y3	y4	y5
f1 .t1		1.336	0.071		
f1 .t2		0.080			0.071
f1 .t3			0.071	0.765	
f1 .t5				0.071	
f1 .t6	0.071		0.015	0.631	
f1 .t7		0.836			
f1 .t8					0.255
f1 .t9	0.071		0.071	0.281	0.071
f1 .t10			0.071	0.071	
f1 .t11			0.071		
f1 .t12			0.255		

	+ y6	y7	y8
f1 .t1		0.071	
f1 .t2		1.344	0.480
f1 .t3		0.077	
f1 .t4	1.081		
f1 .t5	0.143	1.081	
f1 .t7			0.316
f1 .t8	0.387	0.255	
f1 .t10		0.071	0.098



INDEX 1 = truckCOOL\_XL\_out INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t1	1.313		0.765		0.071
f1	.t2	0.020				0.255
f1	.t3				0.316	
f1	.t4	0.631				
f1	.t5		0.765			
f1	.t6	0.765				
f1	.t7	0.765				
f1	.t8	0.071	0.071			
f1	.t10					0.255
f1	.t11					0.071
f1	.t12				1.081	
+						
		y7	y8			
f1	.t3		0.367			
f1	.t4		0.071			
f1	.t6	1.673				
f1	.t7		0.255			
f1	.t8		0.071			

INDEX 1 = boat INDEX 2 = portPT

		y1	y2	y3	y4	y5
portBR.t1		0.213	0.213	0.213	0.213	0.213
portBR.t2		0.213	0.213	0.213	0.213	0.213
portBR.t3		0.213	0.213	0.213	0.213	0.213
portBR.t4		0.213	0.213	0.213	0.213	0.213
portBR.t5		0.213	0.213	0.213	0.213	0.213
portBR.t6		0.213	0.213	0.213	0.213	0.213
portBR.t7		0.213	0.213	0.213	0.213	0.213
portBR.t8		0.213	0.213	0.213	0.213	0.213
portBR.t9		0.213	0.213	0.213	0.213	0.213
portBR.t10		0.213	0.213	0.213	0.213	0.213
portBR.t11		0.213	0.213	0.213	0.213	0.213
portBR.t12		0.213	0.213	0.213	0.213	0.213
+						
		y6	y7	y8	y9	y10
portBR.t1		0.213	0.213	0.213	0.213	0.213
portBR.t2		0.213	0.213	0.213	0.213	0.213
portBR.t3		0.213	0.213	0.213	0.213	0.213
portBR.t4		0.213	0.213	0.213	0.213	0.213
portBR.t5		0.213	0.213	0.213	0.213	0.213
portBR.t6		0.213	0.213	0.213	0.213	0.213
portBR.t7		0.213	0.213	0.213	0.213	0.213
portBR.t8		0.213	0.213	0.213	0.213	0.213
portBR.t9		0.213	0.213	0.213	0.213	0.213
portBR.t10		0.213	0.213	0.213	0.213	0.213
portBR.t11		0.213	0.213	0.213	0.213	0.213
portBR.t12		0.213	0.213	0.213	0.213	0.213
+						
		y11	y12	y13	y14	y15
portBR.t1		0.213	0.213	0.213	0.213	0.213
portBR.t2		0.213	0.213	0.213	0.213	0.213
portBR.t3		0.213	0.213	0.213	0.213	0.213
portBR.t4		0.213	0.213	0.213	0.213	0.213
portBR.t5		0.213	0.213	0.213	0.213	0.213
portBR.t6		0.213	0.213	0.213	0.213	0.213
portBR.t7		0.213	0.213	0.213	0.213	0.213
portBR.t8		0.213	0.213	0.213	0.213	0.213
portBR.t9		0.213	0.213	0.213	0.213	0.213
portBR.t10		0.213	0.213	0.213	0.213	0.213
portBR.t11		0.213	0.213	0.213	0.213	0.213
portBR.t12		0.213	0.213	0.213	0.213	0.213

---- 1215 VARIABLE manuf\_var\_cost.L Variable costs of manufacturing

y1	2535672.005,	y2	2530952.999,	y3	2546775.004,	y4	2544462.354
y5	2542262.553,	y6	2533499.395,	y7	2539043.993,	y8	2052409.139
y9	1930383.669,	y10	1930383.669,	y11	1930383.669,	y12	1930383.669

y13 1930383.669,      y14 1930383.669,      y15 1930383.669

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----      1215 VARIABLE transp var cost.L  Variable costs of transportation

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y1	8504956.370,	y2	8007035.337,	y3	7167295.813,	y4	8098739.430
y5	6961570.810,	y6	8609318.306,	y7	7811717.821,	y8	7820041.886
y9	4538893.705,	y10	4538893.705,	y11	4538893.705,	y12	4538893.705
y13	4538893.705,	y14	4538893.705,	y15	4538893.705		

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---- 1215 VARIABLE store_var_cost.L Variable costs of storage
```

y1 2.918462E+7,	y2 2.968726E+7,	y3 3.051118E+7,	y4 2.958205E+7
y5 3.072142E+7,	y6 2.908243E+7,	y7 2.987449E+7,	y8 3.035280E+7

```

----      1215 VARIABLE vNPV.L                      = -7.62307E+8 Expected Profit

```

\*\*\*\* REPORT FILE SUMMARY

```
result /var/lib/condor/execute/dir 3269161/result.put
```

```
EXECUTION TIME      =      2.705 SECONDS      794 MB  24.9.2 r64480 LEX-LEG
```

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\*\*\*\*\* FILE SUMMARY

```
Input      /var/lib/condor/execute/dir_3269161/MODEL.gms
Output     /var/lib/condor/execute/dir_3269161/solve.out
```

