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NEOS Server Version 5.0
Job# : 6179656
Password : WcrDGaZz
User : None

Solver : milp:CPLEX:GAMS
Start : 2018-07-25 17:09:46

End : 2018-07-25 18:20:06 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 17:09:48 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 17:09:48 Page 2 G e n e r a l A l g e b r a i c M o d e l i n g S y s t e m Model Analysis SOLVE aero\_model Using MIP From line 1212

\*\*\*\*

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

GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 3 General Algebraic Modeling System
Model Statistics SOLVE aero model Using MIP From line 1212

LOOPS zz z1

MODEL STATISTICS

BLOCKS OF EQUATIONS 63 SINGLE EQUATIONS 590,344
BLOCKS OF VARIABLES 39 SINGLE VARIABLES 960,224
NON ZERO ELEMENTS 5,577,021 DISCRETE VARIABLES 2,459

GENERATION TIME = 157.614 SECONDS 1,073 MB 24.9.2 r64480 LEX-LEG

EXECUTION TIME = 159.402 SECONDS 1,073 MB 24.9.2 r64480 LEX-LEG L O O P S zz z1

GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 4 G e n e r a l A l g e b r a i c M o d e l i n g S y s t e m Solution Report SOLVE aero\_model Using MIP From line 1212

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

MODEL aero\_model OBJECTIVE objective TYPE MIP DIRECTION MAXIMIZE SOLVER CPLEX FROM LINE 1212

\*\*\*\* SOLVER STATUS 1 Normal Completion

\*\*\*\* MODEL STATUS 8 Integer Solution

\*\*\*\* OBJECTIVE VALUE -805020604.2246

RESOURCE USAGE, LIMIT 4048.876 1728000000.000 ITERATION COUNT, LIMIT 233637 900000000

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

Space for names approximately 65.01 Mb
Use option 'names no' to turn use of names off
MIP status(102): integer optimal, tolerance
Cplex Time: 4039.65sec (det. 1545397.59 ticks)
Fixing integer variables, and solving final LP...
Fixed MIP status(1): optimal

Cplex Time: 6.67sec (det. 3892.05 ticks)

Solution satisfies tolerances.

MIP Solution: -805020604.224579 (202708 iterations, 0 nodes)

Final Solve: -805020604.224579 (30929 iterations)

Best possible: -772317475.534459 Absolute gap: 32703128.690120 Relative gap: 0.040624

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

GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 5 General Algebraic Modeling System Execution

---- 1214 VARIABLE results.L Results

z1 -8.05021E+8

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

INDEX 1 = f1

	у1	y2	у3	y4	у5	у6
p2.t1	17.000	17.000	17.000	17.000	17.000	17.000
p2.t2	17.000	17.000	25.846	25.846	30.682	17.000
p2.t3	17.000	17.000	8.154	8.154	3.318	17.000
p2.t4	17.000	17.000	17.000	17.000	17.000	17.000
p2.t5	17.000	17.000	21.971	17.000	17.000	17.000
p2.t6	17.000	17.000	12.029	17.000	17.000	24.106
p2.t7	17.000	17.000	17.000	17.000	17.000	9.894
p2.t8	22.263	17.000	17.000	17.000	17.000	17.000
p2.t9	11.737	19.649	17.000	21.848	17.000	17.000
p2.t10	17.000	25.846	17.000	12.152	17.000	17.000
p2.t11	25.846	5.505	17.000	17.000	17.000	17.000
p2.t12	8.154	17.000	17.000	17.000	17.000	17.000
+	у7	у8	у9	y10	y11	y12
p2.t1	17.000	17.000	17.000	17.000	17.000	17.000
p2.t2	17.000	17.000	17.000	17.000	17.000	17.000
p2.t3	17.000	17.000	17.000	17.000	17.000	17.000
p2.t4	24.433	17.000	17.000	17.000	17.000	17.000
p2.t5	9.567	24.508	17.000	17.000	17.000	17.000
p2.t6	17.000	9.492	17.000	17.000	17.000	17.000
p2.t7	17.000	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	17.000	17.000	17.000	17.000	17.000

20/07/2010				NEOS JOE	#0177030	
p2.t11	17.000	17.000	17.000	17.000	17.000	17.000
p2.t12	17.000	17.000	17.000	17.000	17.000	17.000
+	y13	y14	y15			
'	y13	утч	y13			
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	у3	y4
truck out	.t4	65076.000			
truck out	.t6	03070.000	65076.000	46047.682	
truck out	.t7		03070.000	65076.000	
truck out	•t9		75214.722	65076.000	
truck out	.t10		,5211,,22	65076.000	
truckCOOL out	.t1			03070.000	65076.000
truckCOOL out	.t2			98939.077	03070.000
truckCOOL out	.t8			30333.077	65076.000
truckCOOL out	.t10				46516.203
truckCOOL out	.t12	31212.923			100101200
truck XL out	.t1	0111111	65076.000		
truck_XL_out	.t3	65076.000			31212.923
truck XL out	.t5			84104.318	
truck XL out	.t6	65076.000			
truck XL out	.t7	65076.000			
truck XL out	.t8			65076.000	
truck XL out	.t11		21074.201		
truckCOOL XL ou				65076.000	
truckCOOL XL ou				31212.923	
truckCOOL XL ou				65076.000	
truckCOOL XL ou			65076.000		
truckCOOL XL ou			65076.000		
truckCOOL_XL_ou		85221.764			
truckCOOL XL ou					83635.797
truckCOOL XL ou	t.t10		98939.077		
truckCOOL XL ou	t.t11	98939.077			65076.000
truckCOOL_XL_ou	t.t12		65076.000		
	+	у5	у6	у7	у8
truck out	.t3			65076.000	
truck_out	.t4	65076.000	65076.000		
truck_out	.t10	65076.000			
truckCOOL_out	.t1		65076.000		
truckCOOL_out	.t2			65076.000	65076.000
truckCOOL_out	.t4				65076.000
truckCOOL_out	.t5		65076.000		
truckCOOL_out	.t6	65076.000	92278.459		
truckCOOL_out	.t10			65076.000	
truckCOOL_out	.t11				65076.000
truck_XL_out	.t2	117452.327			
${\tt truck\_XL\_out}$	.t7	65076.000			
truck_XL_out	.t8	65076.000		65076.000	
truck_XL_out	.t9		65076.000		
truck_XL_out	.t10		65076.000		
truckCOOL_XL_ou		65076.000	65076 000		65076.000
truckCOOL_XL_ou			65076.000	02520 006	
truckCOOL_XL_ou				93530.286	
truckCOOL_XL_ou				65076.000	65076 000
truckCOOL_XL_ou					65076.000
truckCOOL_XL_ou			65076.000		65076.000
CTUCKCOOL_AL_OU			03070.000		

		0	10	11	10
	+	у9	y10	<b>y</b> 11	y12
truck_XL_out	.t1	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t2	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t3	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t4	65076.000	65076.000	65076.000	65076.000
truck_XL_out truck XL out	.t5 .t6	65076.000 65076.000	65076.000 65076.000	65076.000 65076.000	65076.000 65076.000
truck XL out	.t7	65076.000	65076.000	65076.000	65076.000
truck XL out	.t8	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t9	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t10	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t11	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t12	65076.000	65076.000	65076.000	65076.000
	+	y13	y14	y15	
truck_XL_out	.t1	65076.000	65076.000	65076.000	
truck_XL_out	.t2	65076.000	65076.000	65076.000	
truck_XL_out	.t3	65076.000	65076.000	65076.000	
truck_XL_out	.t4	65076.000	65076.000	65076.000	
truck_XL_out	.t5	65076.000	65076.000	65076.000	
truck_XL_out	.t6	65076.000	65076.000	65076.000	
truck_XL_out truck XL out	.t7 .t8	65076.000 65076.000	65076.000 65076.000	65076.000 65076.000	
truck_XL_out	.t9	65076.000	65076.000	65076.000	
truck XL out	.t10	65076.000	65076.000	65076.000	
truck XL out	.t11	65076.000	65076.000	65076.000	
truck_XL_out	.t12	65076.000	65076.000	65076.000	
INDEX 1 = i1 I	NDEX 2	= f1 INDEX	3 = rm3		
		у1	у2	у3	y4
truckCOOL out	.t1		2856.000	2856.000	
truckCOOL out	.t2		2856.000		
truckCOOL out	.t3		2856.000		
truckCOOL_out	.t4		2856.000		
truckCOOL_out	.t6			2020.901	2856.000
truckCOOL_out	.t8				2856.000
truckCOOL_out	•t9				3670.537
truckCOOL_out	.t10	2056 000		2856.000	2041.463
truckCOOL_XL_ou		2856.000		4342.154	4342.154
truckCOOL_XL_ou truckCOOL XL ou				1369.846	1369.846
truckCOOL XL ou		2856.000		1307.040	2856.000
truckCOOL XL ou		20001000	2856.000		
truckCOOL_XL_ou				2856.000	
truckCOOL_XL_ou	t.t8		2856.000		
truckCOOL_XL_ou		1971.860			
truckCOOL_XL_ou			4342.154		
truckCOOL_XL_ou			2056 000	2856.000	2856.000
truckCOOL_XL_ou	L. L12		2856.000	2856.000	
	+	y5	у6	у7	у8
truckCOOL out	.t1	2856.000			
truckCOOL_out	.t2	2030.000		2856.000	2856.000
truckCOOL out	.t3		2856.000	2856.000	2030.000
truckCOOL out	.t4		2856.000		2856.000
truckCOOL out	.t5			1607.223	
truckCOOL_out	.t6		4049.838		
truckCOOL_out	.t7				2856.000
truckCOOL_out	.t8		2856.000	2856.000	2856.000
truckCOOL_out	.t9				2856.000
truckCOOL_out	.t11		2056 000	2056 000	2856.000
truckCOOL_out truckCOOL XL ou	.t12 + +2		2856.000 2856.000	2856.000	
truckCOOL_XL_OU		557.352	2030.000		2856.000
truckCOOL_XL_ou		2856.000			2000.000
truckCOOL_XL_ou		2-2-000			4117.370
truckCOOL_XL_ou		2856.000			
truckCOOL_XL_ou	t.t9		2856.000		
truckCOOL_XL_ou			2856.000		
truckCOOL_XL_ou				2856.000	
truckCOOL_XL_ou	t.t12	2856.000			

20/07/2016				11205 300	110177050
	+	у9	y10	y11	y12
1 2007 117		2056 200	2056 202	2056 202	2056 222
truckCOOL_XL_c		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c	out.t6	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c	out.t7	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c	out.t8	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c	out.t9	2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_c	out.t10	2856.000	2856.000	2856.000	2856.000
truckCOOL XL o	out.t11	2856.000	2856.000	2856.000	2856.000
truckCOOL XL o	out.t12	2856.000	2856.000	2856.000	2856.000
	+	y13	y14	y15	
truckCOOL XL o	011+ +1	2856.000	2856.000	2856.000	
truckCOOL XL o		2856.000	2856.000	2856.000	
truckCOOL XL o		2856.000	2856.000	2856.000	
truckCOOL XL o		2856.000	2856.000	2856.000	
truckCOOL_XL_c		2856.000	2856.000	2856.000	
truckCOOL_XL_c		2856.000	2856.000	2856.000	
truckCOOL_XL_c		2856.000	2856.000	2856.000	
truckCOOL_XL_c		2856.000	2856.000	2856.000	
truckCOOL_XL_c	out.t9	2856.000	2856.000	2856.000	
truckCOOL_XL_c	out.t10	2856.000	2856.000	2856.000	
truckCOOL_XL_c	out.t11	2856.000	2856.000	2856.000	
truckCOOL XL o	out.t12	2856.000	2856.000	2856.000	
INDEX $1 = i1$	INDEX 2	= f1 INDEX	3 = sp1		
		y1	y2	у3	y4
truck out	.t1		10200.000		
truck out	.t6	10200.000		7217.505	10200.000
truck out	.t9			10200.000	
truck out	.t11		3303.166		
truckCOOL out	.t1	10200.000			
truckCOOL out	.t3	10200.000		4892.308	4892.308
<b>—</b>				4072.500	
truckCOOL_out	.t4				10200.000
truckCOOL_out	.t12			10000 000	10200.000
truck_XL_out	.t1			10200.000	15505 600
truck_XL_out	.t2			15507.692	15507.692
$truck\_XL\_out$	.t3		10200.000		
${\sf truck\_XL\_out}$	.t8	13357.643			
${\tt truck\_XL\_out}$	.t11	15507.692			
truckCOOL_XL_c	out.t3	10200.000			
truckCOOL_XL_c	out.t5	10200.000			
truckCOOL XL o					13109.059
truckCOOL XL o	out.t10		15507.692		
	+	у5	у6	<b>y</b> 7	λ8
truck out	.t1			10200.000	
truck out	.t3			10200.000	10200.000
truck out	•t7	10200.000		10200.000	10200.000
_		10200.000		10200 000	
truck_out	.t9			10200.000	10200 000
truck_out	.t10	10000 000		10200.000	10200.000
truck_out	.t11	10200.000			
truck_out	.t12	10200.000			
truckCOOL_out	.t8	10200.000			
$truck\_XL\_out$	.t1				10200.000
truck_XL_out	.t2		10200.000		
truck_XL_out	.t3		10200.000		
truck XL out	.t4		10200.000		10200.000
truck XL out	.t8				10200.000
truck_XL_out	.t11				10200.000
truckCOOL_XL_o			10200.000		
			10200.000	10200.000	
truckCOOL_XL_c				10200.000	14704 000
truckCOOL_XL_c		10000 000			14704.892
truckCOOL_XL_0	out.t9	10200.000			
	+	у9	y10	y11	y12
±	. 1	10200 000	10200 000	10200 000	10202 222
truck_XL_out	.t1	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t2	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t3	10200.000	10200.000	10200.000	10200.000

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truck XL out	.t4	10200.000	10200.000	10200.000	10200.000
truck XL out	.t5	10200.000	10200.000	10200.000	10200.000
truck XL out	.t6	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t7	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t8	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t9	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t10	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t11	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t12	10200.000	10200.000	10200.000	10200.000
	+	y13	y14	y15	
		10000	10000 000	10000 000	
truck_XL_out	.t1	10200.000	10200.000	10200.000	
truck_XL_out	.t2	10200.000	10200.000	10200.000	
truck_XL_out	.t3	10200.000	10200.000	10200.000	
truck_XL_out	.t4 .t5	10200.000 10200.000	10200.000 10200.000	10200.000 10200.000	
truck_XL_out truck XL out	.t6	10200.000	10200.000	10200.000	
truck XL out	.t7	10200.000	10200.000	10200.000	
truck XL out	.t8	10200.000	10200.000	10200.000	
truck XL out	.t9	10200.000	10200.000	10200.000	
truck XL out	.t10	10200.000	10200.000	10200.000	
truck_XL_out	.t11	10200.000	10200.000	10200.000	
truck XL out	.t12	10200.000	10200.000	10200.000	
INDEX 1 = i1	INDEX 2	= f1 INDEX	3 = sp2		
		y1	y2	уЗ	y4
truck out	.t5		30600.000		30600.000
truck out	.t6		30600.000		30000.000
truck out	.t7				30600.000
truck out	.t9		35367.424		
truck out	.t10				21872.823
truck_out	.t11		9909.499		
truckCOOL_out	.t1	30600.000			30600.000
truckCOOL_out	.t4			30600.000	
truckCOOL_out	.t6			21652.515	
truckCOOL_out	.t7			30600.000	
truckCOOL_out	.t8			30600.000	30600.000
truckCOOL_out	.t11				30600.000
${\tt truck\_XL\_out}$	.t1		30600.000		
truck_XL_out	.t2				46523.077
truck_XL_out	.t4				30600.000
truck_XL_out	.t5	30600.000			
truck_XL_out	.t9			30600.000	
truckCOOL_XL_ou			20600 000	30600.000	
truckCOOL_XL_ou			30600.000		20600 000
truckCOOL_XL_ou	10.012				30600.000
	+	у5	у6	у7	17 Q
	'	уy	уo	у,	у8
truck out	.t2	55228.367			30600.000
truck out	.t5	332237337	30600.000		
truck out	.t12				30600.000
truckCOOL out	.t1		30600.000		
truckCOOL out	.t2		30600.000		
truckCOOL_out	.t3		30600.000		
truckCOOL_out	.t5			17220.242	
truckCOOL_out	.t6				17085.323
truckCOOL_out	.t10	30600.000			
truck_XL_out	.t6	30600.000			
truck_XL_out	.t7		17808.875	30600.000	
truck_XL_out	.t8				30600.000
truck_XL_out	.t9			30600.000	
truck_XL_out	.t11	30600.000			
truck_XL_out	.t12	30600.000			20622
truckCOOL_XL_ou					30600.000
truckCOOL_XL_ou			20622 222		30600.000
truckCOOL_XL_ou	ıt.tll		30600.000		30600.000
		0	10	11	10
	+	у9	y10	y11	y12
truck XL out	.t1	30600.000	30600.000	30600.000	30600.000
truck XL out	.t2	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t3	30600.000	30600.000	30600.000	30600.000
truck XL out	.t4	30600.000	30600.000	30600.000	30600.000
truck XL out	.t5	30600.000	30600.000	30600.000	30600.000
					<del>-</del>

				NEOS Job	#6179656
truck_XL_out	.t6	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t7	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t8	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t9	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t10	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t11	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t12	30600.000	30600.000	30600.000	30600.000
	+	y13	y14	y15	
truck XL out	.t1	30600.000	30600.000	30600.000	
truck XL out	.t2	30600.000	30600.000	30600.000	
truck XL out	.t3	30600.000	30600.000	30600.000	
truck XL out	.t4	30600.000	30600.000	30600.000	
truck_XL_out	.t5	30600.000	30600.000	30600.000	
truck_XL_out	.t6	30600.000	30600.000	30600.000	
truck_XL_out	.t7	30600.000	30600.000	30600.000	
truck_XL_out	.t8	30600.000	30600.000	30600.000	
truck_XL_out	.t9	30600.000	30600.000	30600.000	
truck_XL_out	.t10	30600.000	30600.000	30600.000	
truck_XL_out	.t11	30600.000	30600.000	30600.000	
truck_XL_out	.t12	30600.000	30600.000	30600.000	
INDEX 1 = i3	INDEX 2	= f1 INDEX	3 = rm2		
		y1	y2	у3	y4
truck out	.t1	65076.000			
truck_out	.t10	65076.000			
truck_out	.t11			65076.000	
truckCOOL_out	.t2	65076.000			
truckCOOL_out	•t4				65076.000
truckCOOL_out	.t7	44020 026			65076.000
truckCOOL_out truckCOOL out	.t9	44930.236			65076 000
truck XL out	.t12 .t3		65076.000		65076.000
truckCOOL XL c			65076.000		98939.077
truckCOOL XL c			65076.000		20232.011
0_0000					
truckCOOL XL c	out.t5	65076.000			65076.000
truckCOOL_XL_c		65076.000			65076.000 65076.000
truckCOOL_XL_c	out.t6 out.t8	65076.000	65076.000		
truckCOOL_XL_c	out.t6 out.t8	65076.000	65076.000	65076.000	
truckCOOL_XL_c	out.t6 out.t8				65076.000
truckCOOL_XL_c	out.t6 out.t8 out.t12	65076.000 y5	65076.000 y6	65076.000 y7	
truckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruckCOOL	out.t6 out.t8 out.t12 +				65076.000
truckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruckCOOL_XL_cotruck_outtruck_out	out.t6 out.t8 out.t12		у6	y7 65076.000	65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_out truck_out truck_out	out.t6 out.t8 out.t12 + .t7 .t8 .t11	у5	y6 37873.541 65076.000	у7	65076.000 y8
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truck_out truck_out truck_out	.t7 .t8 .t11 .t12		y6 37873.541	y7 65076.000 65076.000	65076.000 y8
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truck_out truck_out truck_out truck_out	.t7 .t8 .t11 .t12 .t1	y5 65076.000	y6 37873.541 65076.000	y7 65076.000	65076.000 y8
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truck_out truck_out truck_out truck_out truckCOOL_out truckCOOL_out	.t7 .t8 .t11 .t12 .t1 .t3	у5	y6 37873.541 65076.000	y7 65076.000 65076.000	65076.000 y8 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truck_out truck_out truck_out truckCOOL_out truckCOOL_out truckCOOL_out	.t7 .t8 .t11 .t12 .t1 .t3 .t6	y5 65076.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000	65076.000 y8
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_OOL_XL_co  truck_out truck_out truck_Out truckCOOL_out truckCOOL_out truckCOOL_out truckCOOL_out	.t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2	y5 65076.000	y6 37873.541 65076.000	y7 65076.000 65076.000	65076.000 y8 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_OOL_XL_co  truck_out truck_out truck_Out truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out	.t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3	y5 65076.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000	65076.000 y8 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_OOL_XL_co  truck_out truck_out truck_Out truckCOOL_out truckCOOL_out truckCOOL_out truckCOOL_out	.t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2	y5 65076.000 12699.673	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000	65076.000 y8 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truck_out truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out truck_XL_out	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5	y5 65076.000 12699.673	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000	65076.000 y8 65076.000 36334.787 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truck_out truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7	y5 65076.000 12699.673	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000	65076.000 y8 65076.000 36334.787 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5	y5 65076.000 12699.673	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000	65076.000 y8 65076.000 36334.787 65076.000 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truckCOOL_out truckCOOL_out truck_XL_out	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5 out.t9	y5 65076.000 12699.673	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000 36621.714	45076.000 y8 65076.000 36334.787 65076.000 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5 out.t9	y5 65076.000 12699.673 65076.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000	45076.000 y8 65076.000 36334.787 65076.000 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co  truck_out truck_out truckCOOL_out truckCOOL_out truck_XL_out	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5 out.t9	y5 65076.000 12699.673 65076.000 65076.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000 36621.714	45076.000 y8 65076.000 36334.787 65076.000 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_OUt truck_OUt truckCOOL_OUt truckCOOL_OUt truck_XL_OUt	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5 out.t9 out.t12	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 36621.714 65076.000 65076.000	45076.000 y8 65076.000 36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_OUt truck_OUt truckCOOL_OUt truckCOOL_OUt truck_XL_OUt	+ .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5 out.t9 out.t12	y5 65076.000 12699.673 65076.000 65076.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000 36621.714	45076.000 y8 65076.000 36334.787 65076.000 65076.000
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_OUt truck_OUt truckCOOL_OUt truckCOOL_OUt truck_XL_OUt TRUCKCOOL_XL_CO TRUCKCOOL_XL_CO TRUCKCOOL_XL_CO INDEX 1 = i3	tout.t6 out.t8 out.t12  + .t7 .t8 .t11 .t12 .t1 .t3 .t6 .t2 .t3 .t5 .t7 .t11 .t12 out.t5 out.t9 out.t12  INDEX 2	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 36621.714 65076.000 65076.000	45076.000 y8 65076.000 36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_Out truck_Out truckCOOL_out truckCOOL_out truck_XL_out	.tt6 .tt7 .tt8 .tt11 .tt12 .tt1 .tt3 .tt6 .tt2 .tt3 .tt5 .tt7 .tt11 .tt12 .tt1 .tt12 .tt1 .tt2 .tt3 .tt5 .tt7 .tt11 .tt12 .tt1 .tt12 .tt1 .tt2 .tt1 .tt2 .tt4	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX y1	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000	45076.000 y8 65076.000 36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_Out truck_Out truckCOOL_out truckCOOL_out truck_XL_out truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co	.tt6 .tt7 .tt8 .tt11 .tt12 .tt1 .tt3 .tt6 .tt2 .tt3 .tt5 .tt7 .tt11 .tt12 .tt1 .tt3 .tt5 .tt7 .tt11 .tt12 .tt1 .tt12 .tt1 .tt2 .tt3 .tt5 .tt7 .tt11 .tt12 .tt12 .tt15 .tt12 .tt15 .tt12 .tt15 .tt15 .tt12 .tt15 .t	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 36621.714 65076.000 65076.000	45076.000 y8 65076.000 36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truck_Out truck_Out truckCOOL_out truckCOOL_out truck_XL_out	.tt6 .tt7 .tt8 .tt11 .tt12 .tt1 .tt3 .tt6 .tt2 .tt3 .tt5 .tt7 .tt11 .tt12 .tt1 .tt12 .tt1 .tt2 .tt3 .tt5 .tt7 .tt11 .tt12 .tt1 .tt12 .tt1 .tt2 .tt1 .tt2 .tt4	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX y1 2856.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000	45076.000 y8 65076.000 36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_Out truckCOOL_out truckCOOL_out		y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX y1 2856.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000	y8 65076.000  36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_Out		y5  65076.000 12699.673  65076.000 65076.000  = f1 INDEX	y6 37873.541 65076.000 65076.000  3 = rm3 y2	y7 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000 3691.099	y8 65076.000  36334.787 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_Out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_Out	## ***  ***  **  **  **  **  **  **  **	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX y1 2856.000	y6 37873.541 65076.000 65076.000	y7 65076.000 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000 3691.099	y8 65076.000  36334.787 65076.000 65076.000 65076.000 93817.213
truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_Out truckCOOL_out truckCOOL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truck_XL_out truckCOOL_XL_co truckCOOL_XL_co truckCOOL_XL_co truckCOOL_Out	## ***  ***  **  **  **  **  **  **  **	y5  65076.000 12699.673  65076.000 65076.000  = f1 INDEX	y6 37873.541 65076.000 65076.000  3 = rm3 y2	y7 65076.000 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000 3691.099	y8 65076.000  y8 65076.000 36334.787 65076.000 65076.000 93817.213  y4 2856.000
truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_Out truckCOOL_Out truckCOOL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_Out	## ***  ***  **  **  **  **  **  **  **	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX	y6 37873.541 65076.000 65076.000  3 = rm3 y2	y7 65076.000 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000 3691.099	y8 65076.000  36334.787 65076.000 65076.000 65076.000 93817.213
truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_OUT truckCOOL_OUT truckCOOL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truck_XL_OUT truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_OUT	## ***  ***  ***  **  **  **  **  **  **	y5  65076.000 12699.673  65076.000 65076.000  = f1 INDEX	y6 37873.541 65076.000 65076.000  3 = rm3 y2	y7 65076.000 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000 3691.099	y8 65076.000  y8 65076.000 36334.787 65076.000 65076.000 93817.213  y4 2856.000
truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_Out truckCOOL_Out truckCOOL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truck_XL_Out truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_XL_CO truckCOOL_Out	## ***  ***  **  **  **  **  **  **  **	y5 65076.000 12699.673 65076.000 65076.000 = f1 INDEX	y6 37873.541 65076.000 65076.000  3 = rm3 y2	y7 65076.000 65076.000 65076.000 36621.714 65076.000 65076.000 y3 2856.000 3691.099	y8 65076.000  y8 65076.000 36334.787 65076.000 65076.000 93817.213  y4 2856.000

26/07/2018				NEOS Job	#6179656
truckCOOL_XL_ou	t.t6		2856.000		
truckCOOL_XL_ou		2856.000	2856.000		
truckCOOL_XL_ou		3740.140	2200 060		
truckCOOL_XL_ou truckCOOL XL ou		2856.000	3300.960		
truckCOOL XL ou		1369.846			
	+	<b>y</b> 5	у6	у7	У8
11-GOOT1	. 1				2056 000
truckCOOL_out truckCOOL out	.t1 .t6				2856.000 1594.630
truckCOOL out	.t7	2856.000		2856.000	13311000
truckCOOL_out	.t9			2856.000	
truckCOOL_XL_ou		<b>515</b> 4 640	2856.000	2856.000	
truckCOOL_XL_ou truckCOOL_XL_ou		5154.648		4104.777	
truckCOOL XL ou		2856.000	2856.000	4104.777	
truckCOOL_XL_ou				2856.000	
truckCOOL_XL_ou			1662.162		
truckCOOL_XL_ou		2856.000			
truckCOOL_XL_ou truckCOOL XL ou		2856.000 2856.000		2856.000	2856.000
truckCOOL XL ou		2856.000	2856.000	2030.000	2030.000
truckCOOL_XL_ou					2856.000
TNDEW 1 - 2 T	MDEW 0	61 TUDDY	2 1		
INDEX 1 = i3 I	NDEX 2	= II INDEX	3 = sp1		
		y1	y2	у3	y4
_					
truck_out truck out	.t1 .t5				10200.000
truck out	.t7				10200.000
truck out	.t8			10200.000	10200000
truck_out	.t11			10200.000	
truckCOOL_out	.t4	10200.000	10000 000	12100 405	
truckCOOL_out truckCOOL out	.t5 .t6		10200.000 10200.000	13182.495	
truckCOOL out	•t7		10200.000		
truckCOOL_out	.t8		10200.000		
truckCOOL_out	.t10	10200.000			
truckCOOL_out truck_XL_out	.t12 .t2	10200.000	10200.000	10200.000	
truck XL out	.t4	10200.000	10200.000	10200.000	
truck_XL_out	.t7	10200.000			
truck_XL_out	.t8				10200.000
truck_XL_out truck XL out	.t9 .t10	7042.357	11789.141	10200.000	7290.941
truck XL out	.t11			10200.000	10200.000
truckCOOL_XL_ou				10200.000	
truckCOOL_XL_ou	t.t12	4892.308	10200.000		
		***	***6	**7	**0
	+	<b>y</b> 5	у6	у7	у8
truck_out	.t1	10200.000			
truck_out	.t4	10200.000			
truck_out	.t6		14463.708 5936.292		10200.000
truck_out truck out	.t7 .t8		3930.292	10200.000	10200.000
truck out	.t9			102001000	10200.000
truckCOOL_out	.t5	10200.000	10200.000		
truckCOOL_out	.t6	10200.000		10200 000	5695.108
truckCOOL_out truckCOOL out	.t7 .t8		10200.000	10200.000	
truckCOOL out	•t9		10200.000		
truckCOOL_out	.t11		10200.000	10200.000	
truckCOOL_out	.t12	10400 :==		10200.000	10000
truck_XL_out truck XL out	.t2 .t3	18409.456 1990.544			10200.000
truck XL out	.ts	1790.044		5740.081	
truck_XL_out	.t10	10200.000			
truck_XL_out	.t12		10200.000		
truckCOOL_XL_ou				14659.919	
truckCOOL_XL_ou truckCOOL_XL_ou			10200.000	10200.000	
truckCOOL_XL_ou					10200.000
INDEX 1 = i3 I	NDEX 2	= II INDEX	3 = sp2		

20/07/2016				NEOS 300	110177050
		<b>y</b> 1	y2	у3	у4
_					
truck_out	.t2			46523.077	
truck_out	•t7	30600.000	30600.000		
truck_out	.t8	40072.930			
truck_out	.t9	21127.070	46500 077		
truck_out	.t10		46523.077		
truckCOOL_out	.t2		30600.000		4.4574 000
truckCOOL_out	.t3				14676.923
truckCOOL_out	.t6	30600.000			20205 155
truckCOOL_out	.t9	46500 077			39327.177
truckCOOL_out	.t11	46523.077	20600 000	20600 000	
truckCOOL_out	.t12	14676.923	30600.000	30600.000	
truck_XL_out	.t2	30600.000			
truck_XL_out	.t3	30600.000			
truck_XL_out	.t10	30600.000		11686 000	
truckCOOL_XL_ou			30600.000	14676.923	
truckCOOL_XL_ou		30600.000			
truckCOOL_XL_ou				39547.485	
truckCOOL_XL_ou					30600.000
truckCOOL_XL_ou			30600.000		
truckCOOL_XL_ou				30600.000	
truckCOOL_XL_ou	ıt.tll			30600.000	
				7	0
	+	у5	у6	у7	у8
+ mugle out	<b>⊥</b> 1			30600.000	
truck_out	.t1			30600.000	11111 677
truck_out	.t5			20600 000	44114.677
truck_out	.t6	20600 000	20600 000	30600.000	
truck_out	.t9	30600.000	30600.000		
truck_out	.t12	20600 000	30600.000		20600 000
truckCOOL_out	.t1	30600.000			30600.000
truckCOOL_out	•t4	30600.000			
truckCOOL_out	•t5	30600.000			
truckCOOL_out	.t8		30600.000	30600.000	
truckCOOL_out	.t10		30600.000		30600.000
truckCOOL_out	.t11			30600.000	
truck_XL_out	.t2			30600.000	
$truck\_XL\_out$	.t4		30600.000		
$truck\_XL\_out$	.t6		43391.125		
truck_XL_out	.t7	30600.000			30600.000
truck_XL_out	.t8	30600.000			
$truck\_XL\_out$	.t12			30600.000	
truckCOOL_XL_ou		5971.633		30600.000	
truckCOOL_XL_ou				43979.758	
truckCOOL_XL_ou					30600.000
truckCOOL_XL_ou	ıt.t10			30600.000	
INDEX 1 = f1 I	מספעע.	= portPT II	NDEX 3 = p2		
INDEX I - II I	NDEA Z	- porter in	NDEX 3 - P2		
		<b>y</b> 1	y2	у3	y4
		-	-	-	-
truck XL out	.t1	17.000	17.000	17.000	17.000
truck XL out	.t2	17.000	17.000	17.000	17.000
truck XL out	.t3	17.000	17.000	17.000	17.000
truck_XL_out	.t4	17.000	17.000	17.000	17.000
truck XL out	.t5	17.000	17.000	17.000	17.000
truck XL out	.t6	17.000	17.000	17.000	17.000
truck XL out	.t7	17.000	17.000	17.000	17.000
truck XL out	.t8	17.000	17.000	17.000	17.000
truck XL out	.t9	17.000	17.000	17.000	17.000
truck XL out	.t10	17.000	17.000	17.000	17.000
truck XL out	.t11	17.000	17.000	17.000	17.000
truck XL out	.t12	17.000	17.000	17.000	17.000
		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	+	у5	у6	у7	у8
		_	_	_	_
truck_XL_own	.t1		17.000	17.000	
truck_XL_own	.t2		17.000	17.000	
truck_XL_own	.t3				17.000
truck_XL_own	.t4				17.000
truck_XL_own	.t5		17.000		17.000
truck_XL_own	.t7		17.000		
truck_XL_own	.t8				17.000
truck_XL_own	.t9			17.000	17.000
truck_XL_own			17 000		
	.t10		17.000		
$truck_XL_own$	.t10		17.000	17.000	17.000
truck_XL_own truck_XL_own			17.000	17.000	17.000 17.000

26/07/2018				NEOS Job #6	5179656
truck XL out	.t1	17.000			
truck XL out	.t2	17.000			
truck XL out	.t3	17.000			
truck XL out	.t4	17.000			
truck XL out	.t5	17.000			
truck XL out	.t6	17.000			
truck XL out	.t7	17.000			
truck XL out	.t8	17.000			
truck XL out	.t9	17.000			
truck XL out	.t10	17.000			
truck XL out	.t11	17.000			
truck XL out	.t12	17.000			
truckCOOL XL ow	m.tl				17.000
truckCOOL XL ow	m.t2				17.000
truckCOOL_XL_ow	m.t3		17.000	17.000	
truckCOOL_XL_ow	m.t4		17.000	17.000	
truckCOOL_XL_ow	m.t5			17.000	
truckCOOL_XL_ow	m.t6		17.000	17.000	17.000
truckCOOL_XL_ow	m.t7			17.000	17.000
truckCOOL_XL_ow	m.t8		17.000	17.000	
truckCOOL_XL_ow	m.t9		17.000		
truckCOOL_XL_ow	m.t10			17.000	17.000
truckCOOL_XL_ow	m.t11		17.000		
truckCOOL_XL_ow	m.t12			17.000	
	+	у9	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
${\tt truck\_XL\_own}$	.t12	17.000	17.000	17.000	17.000
		12	1 4	15	
	+	y13	y14	y15	
truck XL own	.t1	17.000	17.000	17.000	
	.t2			17.000	
truck_XL_own truck XL own	.t2	17.000 17.000	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	
014011_112_01111	7012	2,000	2,7000	2,000	
INDEX 1 = airBR	R INDEX 2	= j1 INDE	$X \ 3 = p2$		
				_	_
		<b>y</b> 1	y2	<b>y</b> 5	у6
			4.5		
truck_XL_own	.t1		17.000		
truck_XL_own	.t4		17.000		
truck_XL_own	.t5	4		17.000	
truck_XL_own	.t8	17.000			
truckCOOL_XL_ow				17 000	17.000
truckCOOL_XL_ow		1.7. 0.00		17.000	
truckCOOL_XL_ow	m.t12	17.000			
	+	**7	***0		
	'	у7	у8		
truck XL own	.t8		17.000		
truckCOOL XL ow		17.000			
INDEX 1 = portF	T INDEX	2 = portBR	INDEX $3 = p2$		
		у1	y2	у3	y4
		_	<b>4</b> ·	_	1 -
boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000
1-44///	/: 1 // 170000	V6170656 have			

26/07/2019				NEOC Lab #6	170656
26/07/2018		17 000	17 000	NEOS Job #6	
boat boat	.t3 .t4	17.000 17.000	17.000 17.000	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
	_	_	_	_	
	+	<b>y</b> 5	у6	у7	У8
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 boat	.t7 .t8	17.000 17.000	17.000 17.000	17.000 17.000	17.000 17.000
boat	.to	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
	+	у9	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 boat	.t11 .t12	17.000 17.000	17.000 17.000	17.000 17.000	17.000 17.000
Douc					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 boat	.t6 .t7	17.000 17.000	17.000 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 = port	BR INDEX	2 = j1 INDE	2X 3 = p2		
_		y1	y2	у3	y4
		_	_	75	_
$truck_XL_own$	.t2	17.000	17.000		17.000
$truck_XL_own$	.t3	17.000		17.000	17.000
truck_XL_own	.t4	17.000	1=	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 truck_XL_own	.t7	17.000	17.000	17.000	17.000
truck_XL_own truck XL own	.t8 .t9	17.000	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
truckCOOL XL or		17.000	<del>-</del>	17.000	17.000
truckCOOL_XL_o				17.000	
truckCOOL_XL_o			17.000		
truckCOOL_XL_o					17.000
truckCOOL_XL_o			17.000		17.000
truckCOOL_XL_o				17.000	
truckCOOL_XL_o	wn.t9			17.000	
1 //	/: 1 // 17000	0/617065614 1			

26/07/2018				NEOS Job #6	179656
truckCOOL XL ow	m. ±10				17.000
0140/10002_112_011					2,7000
	+	<b>y</b> 5	y6	<b>y</b> 7	у8
	•	15	10	1'	10
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
		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	
truck_XL_own	.t8	17 000	17.000	17.000	17 000
truck_XL_own	.t9	17.000	17.000		17.000
truck_XL_own	.t10				17.000
$truck\_XL\_own$	.t11		17.000		17.000
$truck_XL_own$	.t12	17.000	17.000	17.000	17.000
truckCOOL_XL_ow	m.t3		17.000		17.000
truckCOOL_XL_ow	m.t5			17.000	
truckCOOL_XL_ow	m.t7				17.000
truckCOOL_XL_ow	n.t8	17.000			
truckCOOL_XL_ow	n.t9			17.000	
truckCOOL XL ow			17.000	17.000	
truckCOOL XL ow	n.t11	17.000			
	+	у9	y10	y11	y12
		1 -	<u>,                                     </u>	<b>4</b> -	1
truck XL own	.t1			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	_,,,,,,
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
truck XL own	.t7		17.000		17.000
		17.000	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	4 = 000		
truck_XL_own	.t11	17.000	17.000		15 000
truck_XL_own	.t12		17.000	17.000	17.000
truckCOOL_XL_ow		17.000	17.000		
truckCOOL_XL_ow					17.000
truckCOOL_XL_ow				17.000	
truckCOOL_XL_ow		17.000			17.000
truckCOOL_XL_ow		17.000		17.000	
truckCOOL_XL_ow	m.t7	17.000		17.000	
truckCOOL_XL_ow	n.t8			17.000	
truckCOOL_XL_ow	n.t9	17.000	17.000	17.000	
truckCOOL_XL_ow	n.t10		17.000	17.000	17.000
truckCOOL_XL_ow	m.t11			17.000	17.000
truckCOOL XL ow		17.000			
	+	y13	y14	y15	
		-	-	-	
truck XL own	.t1		17.000	17.000	
truck_XL_own	.t3	17.000	17.000	-	
truck XL own	.t4		17.000	17.000	
truck XL own	.t5	17.000			
truck XL own	.t6	_,	17.000		
truck XL own	.t7		17.000		
truck XL own	.t8		_,•000	17.000	
truck XL own	.to		17.000	17.000	
truck_XL_own	.t9	17 000	17.000		
		17.000	11.000	17 000	
truck_XL_own	.t11	17.000	17 000	17.000	
truck_XL_own	.t12	17.000	17.000		
truckCOOL_XL_ow		17.000	17 000	17 000	
truckCOOL_XL_ow		17.000	17.000	17.000	
truckCOOL_XL_ow		15 000		17.000	
truckCOOL_XL_ow		17.000	4	4	
truckCOOL_XL_ow			17.000	17.000	
truckCOOL_XL_ow		17.000		17.000	
truckCOOL_XL_ow		17.000		17.000	
truckCOOL_XL_ow		17.000	17.000		
truckCOOL_XL_ow		17.000		17.000	
truckCOOL_XL_ow	m.t10			17.000	
truckCOOL_XL_ow	n.t11		17.000		
truckCOOL_XL_ow	m.t12			17.000	
INDEX 1 = portB	R INDEX	2 = airBR	INDEX $3 = p2$		
-			•		

y1 y2 у5 у6 truck\_XL\_own .t1 17.000 truck\_XL\_own 17.000 .t5 truck\_XL\_own .t10 17.000 17.000 truckCOOL XL own.t4 truckCOOL\_XL\_own.t6 17.000 truckCOOL XL own.t8 17.000 truckCOOL\_XL\_own.t12 17.000 у7 у8 truckCOOL\_XL\_own.t8 17.000 truckCOOL\_XL\_own.t11 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 t o plant f in day d (in units)

INDEX 1 = i1 INDEX 2 = f1

	y1	y2	у3	y4	у5	у6
rm2.t1 rm2.t2		132.134	132.134 200.892	132.134	132.134 238.482	132.134
rm2.t3	132.134		63.376	63.376	230.402	132.134
rm2.t4	132.134		132.134	03.370	132.134	132.134
rm2.t5	102.101	132.134	170.770		102.101	132.134
rm2.t6	132.134	132.134	93.498		132.134	187.367
rm2.t7	132.134	132.134	132.134		132.134	107.507
rm2.t8	173.039	132.134	132.134	132.134	132.134	
rm2.t9	173.037	152.720	132.134	169.819	132.134	132.134
rm2.t10		200.892	132.134	94.449	132.134	132.134
rm2.t11	200.892	42.790	132.134	132.134	132.134	132.134
rm2.t12	63.376	132.134		132.134		132.131
rm3.t1	12.417	12.417	12.417		12.417	
rm3.t2	12.41/	12.417	18.879	18.879	12.41/	12.417
rm3.t3		12.417	5.956	5.956	2.423	12.417
rm3.t4	12.417	12.417	3.930	12.417	12.417	12.417
rm3.t5	12.417	12.417		12.41/	12.41/	12.41/
rm3.t6		12.41/	8.787	12.417	12.417	17.608
			12.417	12.41/	12.41/	17.000
rm3.t7		12.417	12.417	12 /17		12 417
rm3.t8	8.573	12.41/		12.417 15.959		12.417 12.417
rm3.t9	0.3/3	18.879	12.417			12.417
rm3.t10		18.879		8.876		12.41/
rm3.t11		10 417	12.417	12.417	10 417	10 417
rm3.t12	204 000	12.417	12.417		12.417	12.417
sp1.t1	204.000	204.000	204.000	210 154		204.000
sp1.t2	004 000	004 000	310.154	310.154		204.000
sp1.t3	204.000	204.000	97.846	97.846		204.000
sp1.t4	004 000			204.000		204.000
sp1.t5	204.000		144 250	004 000		
sp1.t6	204.000		144.350	204.000		
sp1.t7	067 150				204.000	
sp1.t8	267.153		204 202	0.60 1.01	204.000	
sp1.t9		010 151	204.000	262.181	204.000	
sp1.t10	010 151	310.154				
spl.tll	310.154	66.063		004 000	204.000	
sp1.t12				204.000	204.000	
sp2.t1	612.000	612.000	612.000	612.000	1101 565	612.000
sp2.t2				930.462	1104.567	612.000
sp2.t3		610 000	610 000	610 000		612.000
sp2.t4	610 000	612.000	612.000	612.000		610 000
sp2.t5	612.000	612.000	400 050	612.000		612.000
sp2.t6		612.000	433.050		612.000	
sp2.t7			612.000	612.000		356.177
sp2.t8		<b>505</b> 040	612.000	612.000		
sp2.t9		707.348	612.000	405 45-		
sp2.t10		400		437.456	612.000	
sp2.t11		198.190		612.000	612.000	612.000
sp2.t12				612.000	612.000	
	_	•	•	1.0		
+	у7	У8	у9	y10	y11	y12

rm2.t1		132.134	132.134	132.134	132.134	132.134
rm2.t2	132.134	132.134	132.134	132.134	132.134	132.134
rm2.t3	132.134		132.134	132.134	132.134	132.134
rm2.t4	189.909	132.134	132.134	132.134	132.134	132.134
rm2.t5	122 124		132.134	132.134	132.134	132.134
rm2.t6 rm2.t7	132.134		132.134 132.134	132.134 132.134	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	132.134	132.134
rm2.t10	132.134	132.134	132.134	132.134	132.134	132.134
rm2.t11		132.134	132.134	132.134	132.134	132.134
rm2.t12			132.134	132.134	132.134	132.134
rm3.t1			12.417	12.417	12.417	12.417
rm3.t2	12.417	12.417	12.417	12.417	12.417	12.417
rm3.t3 rm3.t4	12.417	12.417 12.417	12.417 12.417	12.417 12.417	12.417 12.417	12.417 12.417
rm3.t5	6.988	17.902	12.417	12.417	12.417	12.417
rm3.t6	0.300	17.502	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	12.417
rm3.t9		12.417	12.417	12.417	12.417	12.417
rm3.t10			12.417	12.417	12.417	12.417
rm3.t11	12.417	12.417	12.417	12.417	12.417	12.417
rm3.t12	12.417	204.000	12.417	12.417	12.417	12.417
sp1.t1 sp1.t2	204.000 204.000	204.000	204.000 204.000	204.000 204.000	204.000 204.000	204.000 204.000
sp1.t2 sp1.t3	204.000	204.000	204.000	204.000	204.000	204.000
sp1.t4	204.000	204.000	204.000	204.000	204.000	204.000
sp1.t5		294.098	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	204.000
sp1.t10	204.000	204.000	204.000 204.000	204.000	204.000 204.000	204.000
sp1.t11 sp1.t12		204.000	204.000	204.000 204.000	204.000	204.000 204.000
sp1.t12			612.000	612.000	612.000	612.000
sp2.t2		612.000	612.000	612.000	612.000	612.000
sp2.t3		612.000	612.000	612.000	612.000	612.000
sp2.t4		612.000	612.000	612.000	612.000	612.000
sp2.t5	344.405		612.000	612.000	612.000	612.000
sp2.t6	610 000	341.706	612.000	612.000	612.000	612.000
sp2.t7	612.000	612.000	612.000	612.000	612.000	612.000
sp2.t8 sp2.t9	612.000	012.000	612.000 612.000	612.000 612.000	612.000 612.000	612.000 612.000
sp2.t10	012.000		612.000	612.000	612.000	612.000
sp2.t11		612.000	612.000	612.000	612.000	612.000
sp2.t12		612.000	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 rm2.t8	132.134 132.134	132.134 132.134	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 rm3.t5	12.417 12.417	12.417 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 sp1.t2	204.000 204.000	204.000 204.000	204.000 204.000			
~r	_31.000	_01.000	_51.000			

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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	= 11				
	y1	y2	у3	y4	у5	у6
rm2.t1	132.134					
rm2.t2	132.134	132.134		200.892		132.134
rm2.t3		132.134			25.786	
rm2.t4		132.134		132.134		
rm2.t5	132.134			132.134	132.134	
rm2.t6				132.134		
rm2.t7				132.134		76.901
rm2.t8		132.134				132.134
rm2.t9	91.229				132.134	
rm2.t10	132.134					
rm2.t11			132.134		132.134	
rm2.t12			132.134	132.134	132.134	132.134
rm3.t1				12.417		12.417
rm3.t2	12.417				22.412	
rm3.t3	12.417					
rm3.t4			12.417			
rm3.t5	12.417		16.048	12.417	12.417	12.417
rm3.t6	12.417	12.417				
rm3.t7	12.417	12.417		12.417	12.417	7.227
rm3.t8	16.261		12.417		12.417	
rm3.t9	40 44 7	14.352	12.417		12.417	
rm3.t10	12.417	4 001			12.417	10 417
rm3.t11	18.879	4.021		12.417	12.417	12.417
rm3.t12	5.956				204 000	
sp1.t1	204.000	204.000		204.000	204.000	
sp1.t2 sp1.t3	204.000	204.000			368.189 39.811	
sp1.t3	204.000	204.000	204.000		204.000	
sp1.t4	204.000	204.000	263.650	204.000	204.000	204.000
sp1.t6		204.000	203.030	204.000	204.000	289.274
sp1.t7	204.000	204.000	204.000	204.000	204.000	118.726
sp1.t8	201.000	204.000	204.000	204.000		204.000
sp1.t0	140.847	235.783	204.000	204.000		204.000
sp1.t10	204.000	233.703	204.000	145.819	204.000	204.000
sp1.t11	201.000		204.000	204.000	2011000	204.000
sp1.t12	97.846	204.000	204.000	_017000		204.000
sp2.t1	3.13 <b>10</b>	•			612.000	
sp2.t2	612.000	612.000	930.462			
sp2.t3	612.000	612.000	293.538	293.538	119.433	
sp2.t4	612.000				612.000	612.000
sp2.t5			790.950		612.000	
sp2.t6	612.000			612.000		867.823
sp2.t7	612.000	612.000			612.000	
sp2.t8	801.459	612.000			612.000	612.000
sp2.t9	422.541			786.544	612.000	612.000
sp2.t10	612.000	930.462	612.000			612.000
sp2.t11	930.462		612.000			
sp2.t12	293.538	612.000	612.000			612.000
+	у7	у8				

```
rm2.t1
            132.134
                         132.134
rm2.t3
rm2.t5
             74.359
                         190.492
                          73.776
rm2.t6
rm2.t7
            132.134
                         132.134
rm2.t8
                         132.134
rm2.t9
            132.134
rm2.t11
            132.134
            132.134
                         132.134
rm2.t12
rm3.t1
             12.417
                          12.417
             17.847
rm3.t4
rm3.t6
             12.417
                           6.933
rm3.t7
             12.417
             12.417
rm3.t9
rm3.t10
             12.417
                          12.417
                          12.417
rm3.t12
                         204.000
sp1.t2
            293.198
sp1.t4
sp1.t5
            114.802
spl.t6
            204.000
                         113.902
            204.000
                         204.000
sp1.t7
sp1.t8
            204.000
                         204.000
sp1.t9
            204.000
sp1.t11
                         204.000
sp1.t12
            204.000
sp2.t1
            612.000
                         612.000
sp2.t2
            612.000
            612.000
sp2.t3
sp2.t4
            879.595
                         882.294
sp2.t5
sp2.t6
            612.000
sp2.t7
                         612.000
sp2.t8
            612.000
sp2.t9
                         612.000
sp2.t10
            612.000
                         612.000
sp2.t11
            612.000
            612.000
sp2.t12
      1215 VARIABLE StockLevel.L Amount of material m stored in facility w in
                                     day d
INDEX 1 = f1
                  y1
                              y2
                                           y3
                                                       y4
                                                                    у5
                                                                                 у6
                                                    8.846
p2 .t2
                                        8.846
                                                                13.682
p2 .t5
p2 .t6
                                        4.971
                                                                              7.106
p2 .t8
               5.263
                           2.649
                                                     4.848
p2 .t9
p2 .t10
                          11.495
p2 .t11
               8.846
                  y7
                              у8
p2 .t4
              7.433
p2 .t5
                           7.508
       1215 VARIABLE vFixedCapInvest.L Fixed capital investment of each invest
____
                                          ment gamma
       550000.000,
                                                      80000.000
fac
                       equip 7.506514E+8,
                                              tru
       1215 VARIABLE vCashFlow.L Cash Flow
y9 -2.17633E+7,
                     y10 -2.17633E+7,
                                          y11 -2.17699E+7,
                                                              y12 -2.17699E+7
y13 - 2.17699E + 7,
                    y14 - 2.17699E + 7,
                                          y15 -2.14674E+7
       1215 VARIABLE HireResource.L Hire resource
```

https://neos-server.org/neos/jobs/6170000/6179656.html

у1

1.000

1.000

02

04

у5

11 2.000 1.000

--- 1215 VARIABLE FireResource.L Fire resource

у6

1.000

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

	<b>y</b> 1	y2	у3	у4	у5	у6
02	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
11	2.000	2.000	2.000	2.000	3.000	2.000
+	у7	у8	у9	y10	y11	y12
02	1.000	1.000	1.000	1.000	1.000	1.000
04	1.000	1.000	1.000	1.000	1.000	1.000
11	2.000	2.000	2.000	2.000	2.000	2.000
+	y13	y14	y15			
02	1.000	1.000	1.000			
04	1.000	1.000	1.000			
11	2.000	2.000	2.000			

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

INDEX 1 = truck out INDEX 2 = i1

		y1	y2	у3	y4	у5
f1	.t1		0.408			
f1	.t2		01100			2.209
f1	.t4	0.505				0.505
f1	.t5		1.224		1.224	
f1	.t6	0.408	1.729	0.646	0.408	
f1	.t7			0.505	1.224	0.408
f1	.t9		1.998	0.913		
f1	.t10			0.505	0.875	0.505
f1	.t11		0.529			0.408
f1	.t12					0.408
			7	0		
	+	у6	у7	У8		
f1	.t1		0.408			
f1	•t2			1.224		
f1	.t3		0.913	0.408		
f1	.t4	0.505				
f1	.t5	1.224				
f1	.t9		0.408			
f1	.t10		0.408	0.408		
f1	.t12			1.224		
INDEX	<pre>1 = tru</pre>	ck out INDE	X 2 = i3			
		_				
		<b>y</b> 1	y2	у3	у4	у5
f1	.t1	0.505			0.408	0.408
f1	.t2			1.861		
f1	.t4					0.408
f1	.t5				0.408	
f1	.t7	1.224	1.224		0.408	
f1	.t8	1.603		0.408		
f1	.t9	0.845				1.224
f1	.t10	0.505	1.861			
f1	.t11			0.913		
f1	.t12					0.505

у7

у8

у6

f1	.t1		1.224			
f1	.t5			1.765		
f1	.t6	0.579	1.224			
f1	.t7	0.531	0.505	0.408		
f1	.t8	0.505	0.408	0.505		
f1	.t9	1.224	0.100	0.408		
f1	.t11	1.224	0.505	0.400		
		1 720	0.303			
f1	.t12	1.729				
TNDES	v 1 – + v 11	ckCOOL out	INDEX 2 = i1			
TNDEZ	x I – CIU	CKCOOH_OUC .	INDEX Z - II			
		<b>y</b> 1	y2	у3	у4	у5
		ут	уZ	yЗ	y 4	γэ
£1	± 1	1.632	0 114	0 114	1 720	0.114
f1	.t1	1.032	0.114	0.114	1.729	0.114
f1	.t2		0.114	0.768	0.406	
f1	.t3		0.114	0.196	0.196	
f1	.t4		0.114	1.224	0.408	
f1	.t6			0.947	0.114	0.505
f1	.t7			1.224		
f1	.t8			1.224	1.843	0.408
f1	.t9				0.147	
f1	.t10			0.114	0.443	1.224
f1	.t11				1.224	
f1	.t12	0.242			0.408	
	+	у6	у7	у8		
f1	.t1	1.729				
f1	.t2	1.224	0.619	0.619		
f1	.t3	1.338	0.114			
f1	.t4	0.114		0.619		
f1	.t5	0.505	0.753			
f1	.t6	0.878	0.733	0.683		
f1	.t7	0.070		0.114		
f1	.t8	0.114	0.114	0.114		
		0.114	0.114			
f1	.t9		0 505	0.114		
f1	.t10		0.505	0 (10		
f1	.t11	0 114		0.619		
f1	.t12	0.114	0.114			
			0.114 INDEX 2 = i3			
		ckCOOL_out	INDEX 2 = i3	2	***	**5
				у3	y4	<b>y</b> 5
INDEX	X 1 = tru	ckCOOL_out	INDEX 2 = i3	у3	y4	_
INDEX	.t1	ckCOOL_out :	INDEX 2 = i3 y2	у3	y4	y5 1.224
INDEX	.t1 .t2	ckCOOL_out	INDEX 2 = i3	у3	_	1.224
INDEX	.t1 .t2 .t3	y1 0.505	INDEX 2 = i3 y2	_	0.587	1.224
INDEX	.t1 .t2 .t3 .t4	y1 0.505 0.408	Y2 1.224	0.114	_	1.224 0.099 1.224
fl fl fl fl fl fl	.t1 .t2 .t3 .t4	y1  0.505  0.408 0.114	y2 1.224 0.408	_	0.587	1.224 0.099 1.224 1.632
f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5	y1 0.505 0.408	y2  1.224  0.408 0.408	0.114	0.587 0.505	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6	y1  0.505  0.408 0.114	y2  1.224  0.408 0.408 0.408	0.114 0.675	0.587	1.224 0.099 1.224 1.632
f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7	y1  0.505  0.408 0.114 1.338	y2  1.224  0.408 0.408	0.114 0.675	0.587 0.505 0.619	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8	y1  0.505  0.408 0.114 1.338	y2  1.224  0.408 0.408 0.408	0.114 0.675	0.587 0.505	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9	y1  0.505  0.408 0.114 1.338  0.349 0.408	y2  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675	0.587 0.505 0.619	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035	y2  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675 0.114 0.114	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9	y1  0.505  0.408 0.114 1.338  0.349 0.408	y2  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675	0.587 0.505 0.619	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587	y2  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675 0.114 0.114	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035	y2  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675 0.114 0.114	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587	1.224  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675 0.114 0.114 1.632 y8	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587	y2  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675 0.114 0.114	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587	1.224  1.224  0.408 0.408 0.408 0.408 0.408	0.114 0.675 0.114 0.114 1.632 y8 1.338	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587	1.224  1.224  0.408 0.408 0.408 0.408 0.408  71.224  77 0.505	0.114 0.675 0.114 0.114 1.632 y8	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505	0.114 0.675 0.114 0.114 1.632 y8 1.338	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587	1.224  1.224  0.408 0.408 0.408 0.408 0.408  71.224  77 0.505	0.114 0.675 0.114 0.114 1.632 y8 1.338	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505	0.114 0.675 0.114 0.114 1.632 y8 1.338	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408  1.632	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224	0.114 0.675 0.114 0.114 1.632 y8 1.338	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408  1.632 0.408	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12  + .t1 .t5 .t6 .t7 .t8 .t9 .t10	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224 0.114	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12  + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224 0.114 1.632	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224 0.408	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224 0.114 1.632	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224 0.408	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224 0.114 1.632 0.408	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224 0.408	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.505  0.522 1.224 0.114 1.632 0.408	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573	1.224 0.099 1.224 1.632 0.408
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12 + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224 0.408 ck_XL_own In	1.224  1.224  0.408 0.408 0.408 0.408 0.408  0.037 1.224  y7  0.505  0.522 1.224 0.114 1.632 0.408  NDEX 2 = f1	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573 0.619	1.224 0.099 1.224 1.632 0.408 0.114
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12  + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224 0.408 ck_XL_own In	1.224  1.224  0.408 0.408 0.408 0.408 0.408  0.037 1.224  y7  0.505  0.522 1.224 0.114 1.632 0.408  NDEX 2 = f1	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573 0.619	1.224 0.099 1.224 1.632 0.408 0.114
f1 f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12  + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408 1.632 0.408 1.224 0.408 ck_XL_own In	1.224  1.224  0.408 0.408 0.408 0.408 0.408  0.037 1.224  y7  0.505  0.522 1.224 0.114 1.632 0.408  NDEX 2 = f1	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573 0.619	1.224 0.099 1.224 1.632 0.408 0.114
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12  + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408  1.632 0.408 1.224 0.408  ck_XL_own In	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.522 1.224 4 0.114 1.632 0.408  NDEX 2 = f1 y7 4.250	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573 0.619	1.224 0.099 1.224 1.632 0.408 0.114 y10 4.250
fl f	.t1 .t2 .t3 .t4 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12  + .t1 .t5 .t6 .t7 .t8 .t9 .t10 .t11 .t12	y1  0.505  0.408 0.114 1.338  0.349 0.408 2.035 0.587  y6  0.408  1.632 0.408 1.224 0.408  ck_XL_own In	1.224  1.224  0.408 0.408 0.408 0.408 0.408 0.522 1.224 4 0.114 1.632 0.408  NDEX 2 = f1 y7 4.250	0.114 0.675 0.114 0.114 1.632 y8 1.338 0.574	0.587 0.505 0.619 1.573 0.619 y9 4.250 4.250	1.224 0.099 1.224 1.632 0.408 0.114 y10 4.250 4.250

26/07/2019	0				NEOS Job #61796	. E (
26/07/2018		4 350		4 250		
portP' portP'		4.250		4.250	4.250 4.250	4.250 4.250
portP'		4.250			4.250	4.250
portP'				4.250	4.250	4.250
portP'	T.t9		4.250	4.250	4.250	4.250
portP'		4.250			4.250	4.250
portP'		4 050	4.250	4.250	4.250	4.250
portP'	r.t12	4.250		4.250	4.250	4.250
	+	y11	y12	y13	y14	y15
		_	-	_	_	_
portP'		4.250	4.250	4.250	4.250	4.250
portP'		4.250	4.250	4.250	4.250	4.250
portP' portP'		4.250 4.250	4.250 4.250	4.250 4.250	4.250 4.250	4.250 4.250
portP'		4.250	4.250	4.250	4.250	4.250
portP'		4.250	4.250	4.250	4.250	4.250
portP'		4.250	4.250	4.250	4.250	4.250
portP'	T.t8	4.250	4.250	4.250	4.250	4.250
portP'		4.250	4.250	4.250	4.250	4.250
portP'		4.250	4.250	4.250	4.250	4.250
portP' portP'		4.250 4.250	4.250 4.250	4.250 4.250	4.250 4.250	4.250 4.250
portr	1.012	4.250	4.250	4.230	4.230	4.230
INDEX	1 = tr	uck_XL_own	INDEX 2 = airE	BR		
		y1	y2	у5	у8	
j1	.t1		4.250			
jı j1	.t1		4.250			
j1	.t5		4.230	4.250		
j1	.t8	4.250			4.250	
INDEX	1 = tr	uck_XL_own	INDEX 2 = port	BR		
		у1	y2	у3	y4	у5
j1	.t1					4.250
j1	.t2	4.250	4.250		4.250	4.250
j1	.t3	4.250		4.250	4.250	4.250
j1	.t4	4.250		4.250		4.250
j1	.t5	4.250	4.250	4.250	4.250	
j1 j1	.t6 .t7	4.250 4.250	4.250	4.250 4.250	4.250	4.250 4.250
jı j1	.t8	4.230	4.250	4.230	4.250	4.230
j1	.t9	4.250	4.250		4.250	4.250
j1	.t10	4.250	4.250	4.250		
j1	.t11	4.250	4.250	4.250	4.250	
j1	.t12		4.250	4.250	4.250	4.250
airBR			4.250			4 250
airBR airBR						4.250 4.250
allbk	• 010					4.250
	+	у6	у7	у8	у9	y10
41	± 1	4 252	4 250	4 252		
j1 j1	.t1 .t2	4.250 4.250	4.250 4.250	4.250 4.250	4.250	4.250
j1	.t3	4.230	4.250	4.250	4.250	4.250
j1	.t4	4.250	4.250	4.250	4.250	4.250
j1	.t5	4.250		4.250		4.250
j1	.t6		4.250	4.250		4.250
j1	.t7	4.250	4.250		4 050	4.250
j1 j1	.t8 .t9	4.250 4.250	4.250	4.250	4.250	4.250
j1	.t10	4.230		4.250	4.250	
j1	.t11	4.250		4.250	4.250	4.250
j1	.t12	4.250	4.250	4.250		4.250
	+	y11	y12	y13	y14	y15
41			_	<u>,</u>		_
j1 j1	.t1 .t2	4.250 4.250	4.250 4.250		4.250	4.250
j1	.t3	4.250		4.250	4.250	
j1	.t4		4.250		4.250	4.250
j1	.t5	4.250		4.250		
j1 ∹1	.t6		4.250		4.250	
j1 ÷1	.t7		4.250		4.250	4.250
j1	.t8		4.250			4.250

26/07/2018	<b>;</b>				NEOS Job #6179	656
j1	.t9		4.250		4.250	
j1	.t10		11200	4.250	4.250	
j1	.t11			4.250		4.250
j1	.t12	4.250	4.250	4.250	4.250	
INDEX	1 = truc	ck_XL_out	INDEX 2 = i1			
		y1	y2	у3	y4	у5
f1	.t1		1.081	0.255		
f1	.t2		11001	0.388	1.551	0.570
f1	.t3	0.316	0.255		0.151	
f1	.t4				0.765	
f1	.t5 .t6	0.765		0.408		0.765
f1 f1	.to	0.316 0.316				0.765
f1	.t8	0.310		0.316		0.316
f1	.t9	0.334		0.765		0.310
f1	.t11	0.388	0.102			0.765
f1	.t12					0.765
	+	у6	у7	у8	у9	y10
f1	.t1			0.255	1.336	1.336
f1	.t2	0.255		0.233	1.336	1.336
f1	.t3	0.255			1.336	1.336
f1	.t4	0.255		0.255	1.336	1.336
f1	.t5				1.336	1.336
f1	.t6				1.336	1.336
f1	.t7	0.445	0.765		1.336	1.336
f1	.t8	0 216	0.316	1.020	1.336	1.336
f1 f1	.t9 .t10	0.316 0.316	0.765		1.336 1.336	1.336 1.336
f1	.t10	0.316		0.255	1.336	1.336
f1	.t12			0.233	1.336	1.336
	+	y11	y12	y13	y14	y15
f1	.t1	1.336	1.336	1.336	1.336	1.336
f1	.t2	1.336	1.336	1.336	1.336	1.336
f1	.t3	1.336	1.336	1.336	1.336	1.336
f1	.t4	1.336	1.336	1.336	1.336	1.336
f1 f1	.t5 .t6	1.336 1.336	1.336 1.336	1.336 1.336	1.336 1.336	1.336 1.336
f1	.t7	1.336	1.336	1.336	1.336	1.336
f1	.t8	1.336	1.336	1.336	1.336	1.336
f1	.t9	1.336	1.336	1.336	1.336	1.336
f1	.t10	1.336	1.336	1.336	1.336	1.336
f1	.t11	1.336	1.336	1.336	1.336	1.336
f1	.t12	1.336	1.336	1.336	1.336	1.336
INDEX	1 = truc	ck_XL_out	INDEX 2 = i3			
						_
		у1	y2	у3	у4	у5
f1	.t2	1.020	0.255			0.460
f1	.t3	0.765	0.233			0.400
f1	.t4		0.255	0.255		
f1	.t5					0.316
f1	.t7	0.255				0.765
f1	.t8				0.255	0.765
f1	.t9	0.176	0.295	0.255	0 100	0.255
f1 f1	.t10 .t11	0.765		0.255	0.182 0.255	0.255 0.316
11	• С11				0.233	0.510
	+	у6	у7	у8		
f1	.t2	0.316	0.765	0.255		
f1	.t2	0.310	0.703	0.233		
f1	.t4	0.765		0.510		
f1	.t5		0.321			
f1	.t6	1.085				
f1	.t7			1.081		
f1	.t12	0.255	0.765	0.316		
TNDEV	1 = + ****	ck XL out	INDEX 2 = f1			
TMDEY	ı – truc	~v_vn_on£	τΜυτν ζ – II			
		у1	y2	у3	y4	у5
		-	-	-	-	-

portPT.t1 portPT.t2 portPT.t3 portPT.t4 portPT.t5 portPT.t6 portPT.t7 portPT.t8	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250
portPT.t9 portPT.t10 portPT.t11 portPT.t12	4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250
INDEX 1 = truc	ckCOOL_XL_own	INDEX 2 =	f1		
	у6	у7	у8		
<pre>portPT.t1 portPT.t2 portPT.t3 portPT.t4</pre>	4.250 4.250	4.250 4.250	4.250 4.250		
portPT.t5 portPT.t6 portPT.t7 portPT.t8	4.250 4.250	4.250 4.250 4.250 4.250	4.250 4.250		
portPT.t9 portPT.t10 portPT.t11	4.250 4.250	4.250 4.250	4.250		
portPT.t12	1 0007 117				
INDEX 1 = truc			_	_	
	y1	<b>y</b> 5	у6	у7	
<pre>j1 .t6 j1 .t10 j1 .t11 j1 .t12</pre>	4.250	4.250	4.250	4.250	
INDEX 1 = truc	ckCOOL_XL_own	INDEX 2 =	portBR		
INDEX 1 = truc	ckCOOL_XL_own y1	INDEX 2 = y2	portBR y3	<b>y</b> 4	у5
j1 .t1 j1 .t2		у2		y4 4.250	у5
j1 .t1 j1 .t2 j1 .t3 j1 .t4	у1	y2 4.250	y3 4.250	4.250	у5
<pre>j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9</pre>	у1	у2	y3 4.250	4.250	y5 4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11	у1	y2 4.250 4.250	y3 4.250 4.250	4.250 4.250 4.250	
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12	y1 4.250 4.250 4.250	y2 4.250 4.250 4.250	y3 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250	4.250 4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8	y1 4.250	y2 4.250 4.250	y3 4.250 4.250	4.250 4.250 4.250	4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12  + j1 .t1 j1 .t3 j1 .t5 j1 .t6	y1 4.250 4.250 4.250	y2 4.250 4.250 4.250	y3 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12  +  j1 .t1 j1 .t3 j1 .t5 j1 .t6 j1 .t7 j1 .t9	y1 4.250 4.250 4.250 y6	y2 4.250 4.250 4.250	y3 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 y10
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12  +  j1 .t1 j1 .t3 j1 .t5 j1 .t6 j1 .t7	y1 4.250 4.250 4.250 y6	y2 4.250 4.250 4.250  4.250	y3 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 y10 4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12  +  j1 .t1 j1 .t3 j1 .t5 j1 .t6 j1 .t7 j1 .t9 j1 .t10	y1 4.250 4.250 4.250 y6 4.250	y2 4.250 4.250 4.250  4.250 4.250	y3 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 y10 4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12  +  j1 .t1 j1 .t3 j1 .t5 j1 .t5 j1 .t6 j1 .t7 j1 .t9 j1 .t10 j1 .t12 airBR .t6 airBR .t8	y1 4.250 4.250 y6 4.250 4.250	y2 4.250 4.250 4.250 4.250 4.250 4.250	y3 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 y10 4.250
j1 .t1 j1 .t2 j1 .t3 j1 .t4 j1 .t6 j1 .t8 j1 .t9 j1 .t10 j1 .t11 airBR .t4 airBR .t8 airBR .t12  +  j1 .t1 j1 .t3 j1 .t5 j1 .t5 j1 .t6 j1 .t7 j1 .t9 j1 .t10 j1 .t12 airBR .t6 airBR .t8 airBR .t8 airBR .t1	y1 4.250 4.250 4.250 4.250 4.250 4.250	y2 4.250 4.250 4.250 4.250 4.250 4.250 4.250	y3 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250 4.250	4.250 4.250 y10 4.250 4.250

0.071

0.765

1.569

0.455

f1

f1

f1

.t3

.t4

.t5

26/07/2018				NEOS Job #61/9	030
f1 .t6		0.326			
	0 040	0.320			
f1 .t7	0.042				
f1 .t9		0.316	0.765		
f1 .t10	0.255	0.836	0.071		
		0.030	0.071		
f1 .t11	0.071				
f1 .t12		0.316	0.326		
INDEX 1 = boa	t INDEX 2 =	portPT			
	1	**2	***2	1	E
	у1	y2	у3	y4	у5
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
F					
+	у6	y7	у8	у9	y10
	_	_	_	_	_
north +1	0 212	0 212	0 212	0 212	0 212
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
portbR.t12	0.213	0.213	0.213	0.213	0.213
+	y11	y12	y13	y14	y15
	1	1	1	1	2
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
1015 17	ADTADID	£	Transiahla a		+ · · · · · · · · ·
1215 V	ARIABLE manu:	_var_cost.L	variable Co	osts of manua	Lacturing
y1 1938094.4	75, y2 19	932528.093,	y3 19285	83.669, v4	1941164.569
			_		
y5 2539508.6		051668.564,	y7 19380		3 1941092.192
y9 1930383.6	69, y10 19	930383.669,	y11 19303	83.669, yi	12 1930383.669
y13 1930383.6	69, v14 19	930383.669,	y15 19303	83.669	
1			2		
1215 V	ARIABLE trans	sp var cost.	L Variable o	costs of tran	nsportation
'					<u> </u>
	. =	4456555			
y1 2.418512E	+7, y2 2	.415629E+7,	y3 2.448	655E+7, y4	1 2.459636E+7
y5 2.401017E	· -	.106740E+7,	y7 3.085		3.077601E+7
y9 2.917190E		.917190E+7,	y11 2.917		12 2.917190E+7
y13 2.917190E	+7, y14 2	.917190E+7,	y15 2.917	190E+7	
-	•	•	-		
1215 V	ARIABLE store	e var cost.L	Variable co	osts of stora	age
1 1 410000-	70 1 11	1 4 2 2 0 5 1 7	1 201600	D.7 4 1	2604505.5
y1 1.410889E+	· -	14329E+7,	y3 1.3816981		.369459E+7
y5 1.368243E+	7, y6 710	6180.589,	y7 7433198.9	974, y8 75	508153.754
,		,		. 1- /-	· - <del>-</del>
1215 V	ARIABLE VNPV	.L	= -8.	05021E+8 Exp	ected Profit
			J.		

https://neos-server.org/neos/jobs/6170000/6179656.html

\*\*\*\* REPORT FILE SUMMARY

result /var/lib/condor/execute/dir\_3270389/result.put

EXECUTION TIME = 2.709 SECONDS 798 MB 24.9.2 r64480 LEX-LEG

USER: Small MUD - 5 User License G170411/0001AS-LNX University of Wisconsin-Madison, Computer Sciences Dept. DC8499

License for teaching and research at degree granting institutions

\*\*\*\* FILE SUMMARY

Input /var/lib/condor/execute/dir\_3270389/MODEL.gms
Output /var/lib/condor/execute/dir\_3270389/solve.out

