

I. Cedar Treatments

1. Treating Cycle

	psi	"Hg	Time	Temp (°C)
Conditioning	--	--	3hrs	82 (180F)
Initial Press	--	--	--	--
Press	100	--	4 hours	82 (180F)
Expansion bath	--	20	1 hr	92 (198F)
Final Vacuum	--	27	1 hr	--

2. Treatment Results

Solution	Charge #	Sample ID	Density pcf	Soln Uptake gal/ft3	DCOI in Assay		Penetration	
					%	pcf	inches	% Sap
4% DCOI from UP50 in 70:30 Diesel:Bio	1	C1-50	23.1	1.54	2.41%	0.72	0.60	100%
		C2-50	21.5	0.80	2.29%	0.86	0.75	100%
		C3-50	23.8	1.04	2.57%	0.88	0.60	100%
	2	C4-50	19.6	0.81	1.73%	0.49	0.50	100%
		C5-50	20.9	0.84	1.46%	0.44	0.75	100%
		C6-50	22.3	0.98	1.99%	0.73	0.50	100%

REDACTED

AWPA 4C DCOI Assay: 0.33pcf; assay zone 0-0.5"

AWPA 4C Penetration: 0.5" or 100% Sapwood

II. Douglas Fir Treatments

1. Treating Cycle

	psi	"Hg	Time	Temp (°C)
Conditioning	--	--	~15hrs	82 (180F)
Initial Press	20	--	5 mins	--
Press	150	--	3 hours	82 (180F)
Expansion bath	--	20	3 hrs	92 (198F)
Final Vacuum	--	27	2.5 hrs	--

2. Treatment Results

Solution	Charge #	Sample ID	Density pcf	Soln Uptake gal/ft3	DCOI in Assay		Penetration	
					%	pcf	inches	% Sap
4% DCOI from UP50 in 70:30 Diesel:Bio	1	D1-50	32.0	1.57	1.36%	0.61	1.6	100%
		D2-50	29.6	1.85	1.06%	0.45	2*	100%
		D3-50	33.6	1.40	0.88%	0.37	1.1	100%
	2	D4-50	30.6	1.08	1.62%	0.66	1.3	100%
		D5-50	32.1	1.87	1.86%	0.86	1.4	100%
		D6-50	32.9	1.61	1.45%	0.54	1.1	100%

Skip at 0.8-1"

REDACTED

AWPA 4C DCOI Assay: 0.20pcf; assay zone 0.25-1"

AWPA 4C Penetration: 0.75" and 85% Sapwood