

# Brake Efficiency

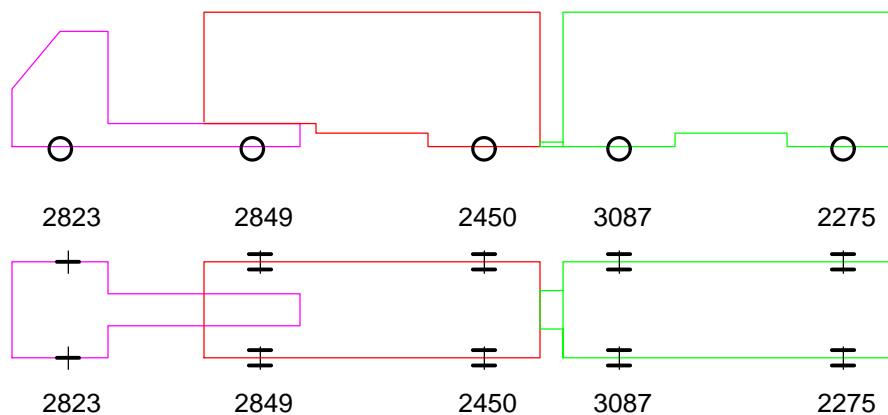
File Name : SAMPLE.ATB Date : 1/19/2001  
 Project Name : Example ONE File Number : AR-Ex 1  
 Desc : Practical Exple: Adjusted 2-S1-2

## BRAKE DATA

	AXLE	PushFlock lbs Whls	In Use	CType Size	Slack ins	Stroke ins	Weight lbs	RollR ins	DrumR ins	DrumF	AirP psi
Tractor	1 L	1589 U	Y	20	5.50	1.00	4440	19.5	7.50	0.35	90
	R	1589 U	Y	20	5.50	1.00	4440	19.5	7.50	0.35	90
	2 L	2468 L	Y	30R	6.00	1.75	4070	20.0	8.25	0.35	90
	R	2532 L	Y	30R	6.00	1.50	4070	20.0	8.25	0.35	90
Semi-Tr	3 L	2325 L	Y	30R	6.00	2.00	3500	20.0	8.25	0.35	90
	R	2325 L	Y	30R	6.00	2.00	3500	20.0	8.25	0.35	90
Trailer	4 L	2468 L	Y	30R	6.00	1.75	4410	20.0	8.25	0.35	90
	R	2468 L	Y	30R	6.00	1.75	4410	20.0	8.25	0.35	90
	5 L	2543 L	Y	30R	6.00	1.25	3250	20.0	8.25	0.35	90
	R	2543 L	Y	30R	6.00	1.25	3250	20.0	8.25	0.35	90

## RESULTS Calculation Speed = 60 mph Road Friction = .7

Temp	Eff	Stop	Drag	SIncr	Fwhls	Btime	Lwhls
200F	98%	175.6'	0.69	2%	0	3.99	8
450F	97%	176.5'	0.68	3%	0	4.01	8
600F	97%	178.0'	0.68	4%	0	4.05	8
900F	40%	427.5'	0.28	149%	5	9.72	3
	***	Wt 1	Wt 2	Wt 3	Total		
	***	17020	7000	15320	39340		



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