

The first proposition I advance is this, that the haulage capacity of engines should be based on a uniform proportion of tare weight to gross weight behind the tender. In order that the relative haulage capacity of the different classes of engines may be determined on any given grade the test should be made with the same kind of a train. If not the identical cars, the percentage of tare should be the same. Otherwise the comparison is

Per Cent. Capacity.	TYPE OF LOCOMOTIVE AND INDIVIDUAL NUMBERS.									TOTAL.	
	EIGHT WHEEL COUPLED		SIX WHEEL COUPLED			FOUR WHEEL COUPLED			SWITCHERS	Road	Switch
	CONSOLIDATION		TEN WHEELERS		MOGUL	ATLANTIC	EIGHT WHEELERS	SIX WHEEL			
	Simple	Compound	Simple	Compound	Simple	Compound	Simple	Simple			
153	732 738									7	
145	739 740	669 731, 741 786.								111	
140	316 320									5	3
120	312 315		200/202.	194/199.					342/344.	13	12
115	497 498	499/504.							336/341, 580/584, 614	8	15
110			203 208, 212/223.	224/227.					321/335.	22	
105			532.	480/492, 533							
				641/668.						43	
100	401 406		493/496, 534/540.	541/608.	408/434						
			542 550, 585/602.	639/640.	443/455					122	
			609 613, 615/638.	460/464							
95			435 442, 457/458.	562/564.							
			465/479, 551/561.							59	
			563, 565 579, 603/607								
90			456, 459			209/211.			72	5	1
85					M. & A. 24		521/524.			5	
80							300/311, 395/400.		73, 101/110, 152/155	18	15
70							170/172, 174, 360, 371/373, 379/391, 393/394.		117/119 (4 Wheel).	23	3
65							1/6, 20/44, 66, 74/87, 90, 93, 95, 97/99, 120/121				
							123/142, 173, 175/176, 229, 234/237, 239,				
							271/282, 285/297, 299, 351/353, 355/358				
							361/365, 368, 374/378, 392, 525/527, M. & A.				
							27/30.			5	
60							45/53, 62/64, 67/71, 88/89, 91/92, 94, 96, 143/145,				
							147/148, 177/179, 184, 230/233, 238, 255/257,				
							260, 262/267, 269/270, 298, 359, 366/367, 369/370,				
							508/510, 515/517, 528, 530.			63	
55							186/188, 191/193, 240/241, 244/249, 345, 350, 511/513,			20	
							520.				
50							17, 100, 157, 159, 507, 514, 518, M. & A. 11, 13/15,			15	
							17, 18, 25, 26.				
							Total Locomotives, 723.			674	49