Appendix H: Diesel Vehicle/Equipment Useful Life Guidelines

Vehicle/Equipment Type	Attributes		Minimum Useful Life (Whichever comes first)		
	Length	GVW	Years	Miles	Hours
Transit[1]					
Heavy Duty Large Bus	35' – 40'	33,000 - 40,000	12	500,000	
Heavy Duty Small Bus	30'	26,000 - 33,000	10	350,000	
Medium Duty Bus	25' – 35'	16,000 - 26,000	7	200,000	
Light Duty Transit Vehicle	16' – 28'	6,000 – 14,000	4	100,000	
Service Vehicles[2]					
Light Heavy Duty Diesel		8,500 -19,500	8	110,000	
Medium Heavy Duty Diesel		19,500 – 33,000	8	185,000	
Heavy Heavy Duty Diesel		>33,000	10	435,000	23,000
Locomotives[3]					
Line Haul			10	750,000	HP * 7.5
Switcher			10	750,000	HP * 7.5

Sources:

1. US Department of Transportation, Federal Transit Administration, Useful Life of Transit Buses and Vans, Report No. FTA VA-26-7229-07.1, April 2007 http://www.fta.dot.gov/documents/Useful_Life_of_Buses_Final_Report_4-26-07_rv1.pdf

2. The National Academies Press, Review of 21st Century Truck Partnership (2008) http://www.nap.edu/openbook.php?record_id=12258&page=110

3. DieselNet: Emission Standards >> United States Locomotives http://www.dieselnet.com/standards/us/loco.php