

<b>GE 45 Ton Swtcher</b>	
<p><b>Equipment//This locomotive is equipped with two 260 hp (225 kW) 2008-8.3 Liter Cummins diesel engines, each driving a generator which, in turn, drove one of the two traction motors, one per truck. This later model has chain drives inside the trucks to second axle. It's doubtfull another unit has recieved as many upgrades as this locomotive of this type.</b></p>	
<p>The GE 45-ton was extremely versatile and many variants existed. It has a high weight to power ratio, and has excellent traction, rated to be able to pull 20 loaded freight cars on level track. They were built with a short wheelbase for use in industrial plants, yards, and other places where clearances were tight. Although intended as switchers, they sometimes served mainline duties, although nearly all had an imposed speed limit of 20 mph (32 km/h) due to the double reduction gearing of their traction motors.</p>	
<b>Year of Make</b>	1958
<b>Locomotive Serial #</b>	33442
<b>Our File #</b>	Y21036
<b>Engines</b>	
<b>Power</b>	2- 8.3 Litre Cummings Diesel Electric
<b>Engine Manufacturing Date</b>	# 1 -10/08/2008 // # 2 - 2008
<b>#1 Engine Serial #</b>	46959079
<b>Manufacturing Serial #</b>	563351130019
<b>#2 Engine Serial #</b>	46962564
<b>Manufacturing Serial #</b>	563351300019
<b>HP</b>	260 HP each
<b>Generator</b>	
<b>Manufacturer</b>	# 1 - General Electric
<b>Dated</b>	Oct-08
<b>Model #</b>	5GT-1519-A1
<b>Manufacturer</b>	#2 General Electric
<b>Date</b>	Oct 14/ 2007
<b>Model #</b>	5GT-1519-A1
<b>General INFO</b>	
<b>Engine and Gen Hrs since new</b>	1041 hrs

<b>Trucks &amp; wheels</b>	reconditioned and upgraded/2008
<b>Radiators</b>	2-aluminum
<b>Builder</b>	GE Transportation Systems
<b>Model</b>	45-ton switcher
<b>Build date</b>	Friday, August 01, 1958
<b>AAR wheel arr.</b>	B-B
<b>UIC classification</b>	B B
<b>Gauge</b>	4 ft 8 1/2 in (1,435 mm)
<b>Minimum curve</b>	50 ft (15.24 m)
<b>Locomotive weight</b>	48 short tons
<b>Prime mover</b>	Two Cummins 6-cylinder
<b>Engine RPM range</b>	1,050 pound force-feet (1,424 N·m) @ 1,300 rpm, 260 horsepower (231 kW; 314 PS) electronically governed at 2,300 rpm
<b>Aspiration</b>	Turbo charged
<b>Displacement</b>	8.3 Litre/ 505 Cu. In.
<b>Air Compressor</b>	2 Cummings Engine Compressors (Picture in attached)
<b>Traction motors</b>	Two, one per truck. Chain or side rod drive to second axle on each truck (chains slack excellent and all in like new condition) ( Picture in Attached)
<b>Cylinders</b>	6 in each of two engines
<b>Air Reservoirs</b>	certified 2 - 30 gallon tanks
<b>Fuel Cell</b>	100 gallon
<b>Cylinder size</b>	4+7/8 in x 6 in (123.825 mm x 152.400 mm)
<b>Top speed</b>	20 mph (32 km/h)
<b>Power output</b>	2 x 310 hp
<b>Tractive effort</b>	27,000 lbf (120 kN)
<b>Locomotive brake</b>	Air
<b>Train brakes</b>	This feature was left as an option to serve as per different needs verses different applications.
<b>Tractive effort</b>	Est.,29,000 lbf (134 kN)
<b>Drawbars</b>	Non-Stabaelizing
<b>Electronics</b>	12 volt and 38 volt systems//new EMD magnetic reverse station, new Hubbel Type 8 N/O power contactors and wire harness (wire diagram included)
<b>Wiring</b>	All new since 2008Hubbel Power Contactors P/N 5980014/ Manufactured in 2005
<b>Horn and wipers</b>	Air powered
<b>Batteries</b>	5 large- 12 volt/1- large 8 volt/ 12-12&8 in series , 2 parrel for 12 volt
<b>Special Notes</b>	This locomotive has been completetly reconditioned in 2012, new paint and safety glass, easy access stairways on both ends. Remote Control option professionally removed. Step, by step pictures available.
<b>Test Track</b>	yes, 1 mile available on site
<b>Warrenty</b>	1 year from date of purchase

<b>Additional</b>	

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