

# GM1 Class Locomotive

Manufacturer:	Clyde Engineering
Model:	ML-1
Build Date:	1952
Quantity Operated:	Two
Locomotive Numbers:	GM3 & GM10
Load Category:	L13 (1:40 grade - 410T)
Speed Category:	S8
Drawbar Capacity:	0.90MN
Maximum Speed:	115km/h
Fuel Capacity:	5,678L
Length over Couplers:	18.60m
Live Weight:	110.0T
Dead Weight:	121.0T
Axle Load:	18.3T
Wheel Gauge:	1,435mm (Standard)
Engine:	EMD 16/567B
Gross Power:	1,600hp/1,200kW
Continuous T/E:	132kN@24km/h
Adhesion:	-



*'The GM1 Class were ordered by the Commonwealth Railways to further dieselise the Railways. Based on an international design they had a local design variation to reduce axle loads by utilising a non-driven centre axle in each bogie via an A1A-A1A arrangement. This did however slightly reduce the tractive effort by removing weight from the driven axles.'*