

EL Class Locomotive

RAILFIRST

General

Class	EL
Manufacturer	Goninan Broadmeadow
Previous Owner	Australian National
Locomotive Numbers	EL51-EL58, EL60-EL64
Year of Manufacture	1991
Year of Acquisition	1998
Quantity	13

Operating

Live Weight	114.0 tonnes
Drawbar Capacity	1.80 MN
Axle Load: Maximum	19.0 tonnes
Speed	115 km/h
Track Gauge Options	Standard (1,435 mm)
Fuel Capacity Length	7,500 L
Over Couplers	20.50 m

Technical

Locomotive Model	CM30-8
Engine	GE-7FDL-12
Engine RPM	1,050 Max/440 Min
Wheel Arrangement	Co-Co
Wheel Diameter	1,016 mm
Power (gross)	2,460 kW/3,300 hp
Power (traction)	2,380 kW/3,192 hp
Alternator	GE GMG192
Alternator Blower	GE GDY74E1
Traction Motors	GE 761-ANR1
Traction Motor Blowers	GE GDY74B4
Tractive Power Control	GE MicroCHEC
Adhesion Control	GE MicroSENTRY
Air Compressor	Wabco 3CMDCBL
Brake Valve	30ACDW
Gear Ratio	93:19
Starting Tractive Effort	369 kN

