CF Class Locomotive

RAILFIRST

General

Class	CF
Manufacturer	UGL limited (GE)
Locomotive Numbers	4402-4408, 4410-4412 4420-4439
Year of Manufacture	2011-2013, 2022-2026
Quantity	30

Operating

Live Weight	139 tonnes (13,500 L fuel)
	134 tonnes (7,300 L fuel)
Drawbar Capacity	2.20 MN
Axle Load: Maximum	23.16 tonnes
Speed	115 km/h
Track Gauge Options	Standard (1,435 mm)
Fuel Capacity: Max	13,500 L
Length Over Couplers	22.0 m
Operating Station	Single – Short end leading

Technical

Locomotive Model	GE C44ACi
Engine	GE 7FDL16 EFI
Engine RPM	1,050 Max
Wheel Arrangement	Co-Co
Wheel Diameter	1,067 mm
Maximum Gross Power	3,355 kW/ 4,500 hp
Alternator	GE GMG192
Traction Motors	GE 5GEB30
Lube Oil Capacity	1,552 L
Cooling Water Capacity	1,438 L
Control System	GE CCA
Air Brake	Wabtec - FastBrake Electronic Air Brake (EAB)
Dynamic Brake	310 kN (5-7 km/h)
Starting Tractive Effort	600 kN
Adhesion	33%
Gear Ratio	85:16
Air Conditioning	Fitted
Toilet	Fitted
Other	Wabtec distributed power, Wabtec ECP braking and Loco Video Camera recording.



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