



# CF class LOCOMOTIVE

## General

<b>Class</b>	CF	<b>Manufacturer</b>	UG Limited
<b>Locomotive Numbers</b>	4402 - 4408, 4410 - 4412	<b>Manufacture Year</b>	2012-13

## Operating

<b>Load Category</b>	-	<b>Live Weight</b>	139 t (13,500L fuel)
<b>Speed Category</b>	-	<b>Dead Weight</b>	-
<b>Draft Capacity</b>	2.2 MN	<b>Axle Load</b>	23.16 t
<b>Maximum Speed</b>	115 km/h	<b>Track Gauge</b>	1435 mm
<b>Fuel Capacity</b>	13500 L	<b>Length over Couplers</b>	22000 mm
<b>Operating Orientation</b>	Single, Short End Leading		

## Technical

<b>Locomotive Model</b>	GE C44ACi	<b>Wheel Arrangement</b>	Co-Co
<b>Engine</b>	GE 7FDL16 EFI	<b>Wheel Diameter</b>	1067 mm
<b>Maximum Gross Power</b>	4500 HP (3357 kW)	<b>Generator</b>	GE GMG192
<b>Engine Speed</b>	1050 rpm	<b>Traction Motors</b>	GE 5GEB30
<b>Lube Oil Capacity</b>	1552 L	<b>Control System</b>	GE CCA
<b>Cooling Water Capacity</b>	1438 L	<b>Air Brake</b>	FastBrake Electronic
<b>Continuous Tractive Effort</b>	453 kN	<b>Dynamic Brake</b>	Fitted
<b>Starting Tractive Effort</b>	600 kN	<b>Air Conditioning</b>	Fitted
<b>Adhesion</b>	33 %	<b>Toilet</b>	Fitted
<b>Gear Ratio</b>	85 : 16	<b>Distributed Power</b>	Fitted
<b>Other</b>	ECP Braking, Video Camera		

