



Rail World Locomotive Leasing



Rail World Locomotive Leasing EMDF40-PH-2 Passenger Locomotive

Model Designation	F40-PH-2	Maximum Continuous Current Rating . . .	4200 Amperes
Locomotive Type	(B-B) 0440	Companion Alternator	D14
Locomotive Horsepower	3000	Nominal Voltage (AC)	215
Control System	DASH-II	Traction Motors	
Diesel Engine		Model	D77
Model	645E3B	Number	4
Type	Turbocharged	Maximum Continuous Current Rating	1050 Amperes
Number of Cylinders	16	Driving Wheels	
Cylinder Arrangement	45 "V"	Number	4 Pair
Cylinder Bore and Stroke	9 – 1/16" x 10"	Diameter	40"
Operating Principle	2 Stroke Cycle, Turbocharged, Unit Injection, Water Cooled	Air Compressor	Model WBO-RGD
Maximum Speed	893 RPM	Type	2 Stage
Idle Speed (Normal)	410 RPM	Numer of Cylinders	3
Idle Speed (Low)	255 RPM	Air Compressor Cooling	Water
Main Generator Model	AR10/ D14	Lube Oil Capacity	10.5 Gal.
Traction Alternator		Capacity (at 900 RPM)	254 cu. ft./min.
(Rectified Ouput)	AR10	Storage Battery	
Number of Poles	10	Number of cells	32
Normal Voltage (DC)	600	Voltage	64
Frequency (at 720 RPM)	60Hz	Rating (8 hour)	500 Amp. Hr.