



Rail World Locomotive Leasing



Rail World Locomotive Leasing EMDF40M-2F Freight Locomotive

Model Designation F40M-2FF
Locomotive Type (B-B) 0440
Locomotive Horsepower 3000

Control System DASH-II/QTRAC 1000

Diesel Engine

Model 645E3B
 Type Turbocharged
 Number of Cylinders 16
 Cylinder Arrangement 45 "V"
 Cylinder Bore and Stroke 9 – 1/16" x 10"
 Operating Principle 2 Stroke Cycle,
 Turbocharged, Unit Injection, Water Cooled
 Maximum Speed 893 RPM
 Idle Speed (Normal) 410 RPM
 Idle Speed (Low) 255 RPM
 Main Generator Model AR10/D14

Traction Alternator

(Rectified Output) AR10
 Number of Poles 10
 Normal Voltage (DC) 600
 Frequency (at 720 RPM) 60Hz

Maximum Continuous Current Rating . . . 4200 Amperes
 Companion Alternator D14
 Nominal Voltage (AC) 215

Traction Motors

Model D77
 Number 4
 Maximum Continuous Current Rating . . . 1050 Amperes

Driving Wheels

Number 4 Pair
 Diameter 40"

Air Compressor Model WBO-RGD

Type 2 Stage
 Number of Cylinders 3
 Air Compressor Cooling Water
 Lube Oil Capacity 10.5 Gal.
 Capacity (at 900 RPM) 254 cu. ft./min.