



Why Railservice?

Railservice owns and operates 45 LEAF locomotives as part of our third party rail switching service. We have sold an additional 35 LEAF locomotives to customers who operate them with their own staff. RAILSERVICE is committed to the LEAF Locomotive for the 20+ year lifetime of the locomotives. We know how to support them, to maintain them and to deliver amazing % uptime results for these locomotives.

We are part of a very large corporation, Berkshire Hathaway. Revenues over \$200 billion/yr. We are a key part of the \$8 billion/yr revenue Marmon Group that Berkshire Hathaway owns.

What are the advantages of the LEAF Locomotive?

- 10 years continuous operation in very warm locations and 8 years in cold winters– The LEAF handles +40C to -40 C weather very well.
 - Ethylene glycol engine coolants
 - Solid state electronics
 - Extra cab insulation and heaters
- 100% of all LEAF units ever made are in daily operation for switching.

Reliable

- Easy to maintain, standard parts that are widely available – Cummins, Atlas Copco etc
- 99.3% up time across the RAILSERVICE fleet.
- On screen fault messages for any electrical glitch included in standard package
- Locomotive mechanics will be familiar with platform – standard brakes, traction motors, control stand

Safe to operate

- Max Speed limit programmable. Adjustable by user under password
- Lower dB to mid 70's in cab
- Improved visibility with 360° windows
- Eliminates wheel slip leading to less track damage
- Eliminates oil slobbering out stack
- Eliminates Exhaust stack sparks, a leading cause of grass and rail tie fires
- Ergonomically designed oil and coolant changes

Sustainable – Environmentally Friendly

- 50% to 60% less fuel than conventional EMD.
- Reduces Carbon emissions ~ 50% (correlates directly to fuel usage reduction)
- Lowers NOx & PM emissions 92 to 99% Tier 4
- Reduce Lube oil consumption by 80 to 85%
 - Only 22.5 gal lube oil per oil change, no stack slobbering
- Eliminates oil and coolant spillage to track and ballast

POWERFUL!!

- Moves 50 to 70 loaded railcars at yard speeds = 9000+ tons
- Great traction – No Wheel Slip or Track damage – Automatic wheel slip control is standard equipment
- **NEW Components** – Frame, Wheels, axles brakes, engine, compressor, electrical, hood, cab, etc

EASY to MAINTAIN

- LEAF locomotives are easy to maintain and troubleshoot.
- We provide training for your operations and maintenance staff with the purchase of a LEAF.
- Full product documentation available in multiple languages
- Global support from partners such as Cummins, Atlas Copco and American Traction Systems.