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MOST POWERFUL ENGINE BUILT HAULS PASSENGER TRAIN INTO C.N.R. STATION

"9000 Diesel Electric" Makes Test Rus Between Torsete and Landon

Forecasting a new era in London di-Visional railroad histor, a "9800 Disselalectric' ell-burning locomotive for the first time drew a train into the C. N. R. depot this merning.

Giant engines of this type, it stated, will coon take the 'International Limited" ever the rails between Montreal and Chicago. This will make the ran the speedlest, most punctual and cleanest in the world. The latest type locometive has 1,340 horsepower and is the most powerful in the world, In a high speed schedule it will draw the heaviest passenger train to its destination on time, in a test it has done 65 miles an hour and had power to spare.

To-day's run between London and Toronte via Stratford was intended to instruct engineers trained to operate steam engines in the summand of the greatest and most powerful locomotives in the world.

Experts from Glasgow and the Caradian National locomotive works were shoulder to shoulder with the road's crack engineers. Engineer brought his train into the city, in charge of Conductor John Marshall, We 11.14. Engineer Johnston and Conductor William Van Hern were in charge of the return trip.

GETS AWAY FAST

The Diesel-electric at the station was chricanly not as smoky, not as noisy, faster on the get-away and less bulky than the greatest stells-pewered lecomotives. It drew in almost silently. For a while as it brood on the third track from the platform a number of interested unicolors drew around. Then, uncoupled, it withred dway with the shappy pick-up of a fine small satemo-like down, the tracks out of vision. Among rainward man it created elight stir of excitoment As refreeders not the "TH

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London Free Press

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The Diesel-electric at the station was chricesly not as smoky, not as noisy, fastar on the get-away and less bulky then the greatest status powered leco-motives. It drew in almost silently. For a while as it stood on the third track from the platform a number of inter-ested onlookers drew ground. Then, un-coupled, it whired away with the company pick-up of a fine small automo-bile down the tracks out of vision. Among railroad men it created no

Among rainread men it created no slight site of excitament.

As railreaders say, the "Dissel-Electric 1909" represents an advance beyond the objectives of its famous producesnors in the Canadian National family of locomotives. It outclesses the "8000" and the sturdy said powerful "1000." It is greater than its real an-ceases, the objective on "18300" and

"100." It is greater than its real ancestes, the off-slectric car [1830" which reas from Montreal to Vancouver in \$7 hours in with a new chapter in rail-road history.

Brishy, "9000" is the application of the principle of oil-electric car to the locomotive Oil Inal is used to obesite an easing which arrives the shooting seasons. The hours from the groundson motors, The house motor in the "900" has "12 cylinders. It generates a housepower of 1848, in a free-view test the folomotive has some Montre of power to spare.

WEIGHA 850,000 POLINDS.

WEIGHS 650,000 POUNDS.

The engine consists of two units. Fully equipped it weighs \$50,000 pounds to carried on the weight 150,000 pounds in carried on the driving wheels. Each unit con-Each unit e sists essentially of me off angine generator set, mounted on the locomotive frame, boiler equipment for steam best-

sists essentially of ME DR assists preerator met, mounted on the locomotive
frame, boiler equipment for steam heating of passenger coachet, four traction
motors for providing the locomotive
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and theory penns as calculation funnalus. It will be assent the highspeed schedule.

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10 M. P. H. on level track.

Assuming a maximism tractive effort
of 101,000 during secessarating period,
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that the track was made to of 15- ton

of 130,000 during accelerating periods, with measuring practive efforts limited by addison. It will handle a trailing load at \$1.500 tons, made up of 45-ton trailing load at \$1.500 tons, made up of 45-ton trailing acceleration of a percent at approximately 18 M. P. H. and it will have a balancing speed of approximately 18 M. P. H. and it will have a balancing speed of approximately 18 M. P. H. an level track.

"The off engines of both units are upranged for the fature application of a supercoharger, says of which has been built and tested on both engines. The supercoharger will be invalid on one of the whith for service tests in operation on the Canadian National Rail-ways lines."

UNABLE TO APPEAR—Albert Mur-