

Locomotives and their working - with a section on gas turbine, diesel and electric locomotives

Virtue & Co - Gas Turbine Locomotives (Union Pacific): Startup, HP, Length



Description: -

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As with steam, the petroleum version was highly inefficient in terms of fuel usage. SO why NOT induction motors, until about 10 years back? Despite the same type designation, this locomotive has a fundamentally different design with a B-B - B-B + B-B - B-B wheel arrangement, derived from the diesel shunting locomotive, and the new body with open LNG tank, derived from the body of the electric locomotive. Fine - clean and sound without major blemishes and only light indications of being previously owned.

Locomotives For Egypt

It had a vertical, five cylinder, two-stroke diesel engine with opposed pistons. Union Pacific's gas turbine fleet totalled 55 locomotives. The EMD 710 series engine is available in 8-, 12-, 16- and 20-cylinder configurations with continuous power ratings from 2000 to 5000 hp.

SIMPSON, C.R.H. & ROBERTS, F. Browne

Like the French, later models used an alternative electric powertrain. The turbine exhaust which was hot air then entered the combustion chamber to support the combustion.

Railway

Although the experiments had mixed results, these were the most powerful locomotives with a purely mechanical powertrain in the world and also the most powerful independent-traction locomotives in Czechoslovakia.

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