



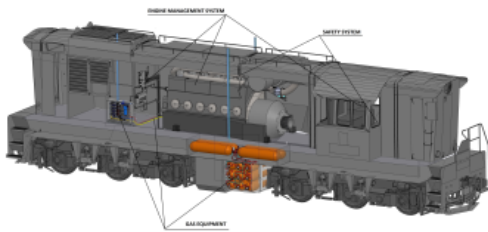
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**INNOVATIONS
AND TRENDS**



Dual fuel technology for diesel locomotives



DiGas dual fuel system installed on CHME-3 series locomotive



CHME-3 series locomotive engine with DiGas dual fuel system components

DiGas brings to the market a cost-effective, modular, reliable and safe dual fuel system that can be installed onto a variety of diesel locomotives fast and without any significant adjustments to the engine. Through key innovations like multi-point and multi-layer gas injection, advanced intelligent engine management systems, air-fuel ratio management and dynamically changeable diesel ignition rate DiGas has managed to achieve an average diesel substitution rate of 70% (incl. low loads – notches 1 - 2) in combination with diesel like torque & performance. The product was successfully installed on a CHME3 locomotive and is undergoing pilot testing in real time environment on the railway track.

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Subject to further change