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Burckhardt Compression Delivers Laby[®] for LNG Carrier

The labyrinth piston compressors of Burckhardt Compression will supply diesel engines with natural gas for a new propulsion system of an LNG carrier.

Burckhardt Compression recently recorded a compressor order for an LNG carrier from Scheepswerf Bijlsma, Lemmer, the Netherlands. The contract comprises two labyrinth piston compressors (Laby[®]), for boil-off gas. The Laby[®]s deliver Methane at a final pressure of approx. 4 bar and are driven by a 30 kW electric motor at 880 rpm.

The carrier is equipped with two main diesel engines. The new propulsion system developed by Moss Maritime Norway needs two feed gas compressors to supply the diesel engines with the natural gas taken from the LNG tanks. Burckhardt Compression notices an increasing worldwide demand for the new propulsion system which is an alternative to traditional systems such as gas boilers and steam turbines.

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