

**News of June 28, 2021**

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## **Burckhardt Compression passes 1'000'000 operating hours with Laby®-GI Compressors for MAN ME-GI engines**

Burckhardt Compression Laby®-GI fuel gas compressor systems play an important role on LNG carriers. As the liquified natural gas warms up during storage and transportation, the evaporated boil-off gas must be economically managed by either using it as fuel or re-liquefying it. Both, dual-fuel engines as well as re-liquefaction plants, require a certain operation pressure, ranging up to 300 bar. Therefore, Burckhardt Compression's LNG solutions have been specifically designed to handle gases at low temperature and high pressure while meeting the requirements for operation at sea.

The Laby®-GI Compressor combines sophisticated cryogenic, low-pressure labyrinth piston design and state-of-the-art ring-sealed high-pressure technology on a single compressor frame. This allows simultaneous fuel gas supply to low-pressure 4-stroke auxiliary engines and high-pressure gas supply to the 2-stroke main engines and a dedicated high-pressure re-liquefaction system. Burckhardt Compression's marine portfolio offers standardized solutions for lubricated and oil-free compression.

All Laby®-GI compressors are of gas-tight design and no methane emissions are discharged to the atmosphere. The sealed design of the compressor helps to prevent significant greenhouse gas emissions by recycling all internal leakages without the need for any further purge gas utilization.

A dedicated global marine team is set up to serve vessel owners and operators in ports worldwide, offering comprehensive customer support to ensure reliable and optimized compressor performance. Burckhardt Compression offers service solutions tailored to customers' requirements. Well-trained experts provide maintenance and overhaul services based on service agreements or on request, at sea or in dry dock on all continents.

### **Further information:**

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**About Burckhardt Compression**

Burckhardt Compression is the worldwide market leader for reciprocating compressor systems and the only manufacturer and service provider that covers a full range of reciprocating compressor technologies and services. Its customized compressor systems are used in the gas gathering and processing, gas transport and storage, refinery, chemical, petrochemical as well as in the industrial gas and hydrogen mobility and energy sectors. Burckhardt Compression's leading technology, broad portfolio of compressor components and the full range of services help customers around the world to find the optimized solution for their reciprocating compressor systems. Since 1844, its highly skilled workforce has crafted superior solutions and set the benchmark in the gas compression industry.

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For further information please visit [www.burckhardtcompression.com](http://www.burckhardtcompression.com)

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