



SUCCESS STORY

RECYCLING A 2ND-HAND CYLINDER IS FASTER AND GOOD FOR THE ENVIRONMENT

Hartmann Group in Germany approached Burckhardt Compression when detecting a rise in temperature on a compressor cylinder. Hartmann Group is one of the leading shipping companies worldwide. With a fleet of about 150 vessels, the company offers the complete range of maritime services. On the LPG carrier, GASCHEM BALTIC, they needed quick help to restore the compressor to normal operation. We analyzed the data provided by Hartmann Group from their integrated automation system and found the cylinder to be beyond repair. Because of a tight schedule, a customized 2nd-hand cylinder was proposed which could be delivered much faster and it was good for the environment. Don't waste – re-use.

CUSTOMER CHALLENGES

- Temperature rise on 2nd-stage cylinder
- Compressor not working properly
- Tight schedule

APPLICATION DESCRIPTION

Compressor manufacturer: Burckhardt Compression

Type	Laby® 2K140	Gas	C ₂ H ₄ , C ₂ H ₆ , NH ₃ , CH ₃
Power	202 kW / 270 hp	Suction pressure Discharge pressure	2.3 bar / 33 psi 18 bar / 261 psi
Speed	590 rpm	Lubrication	None

BURCKHARDT COMPRESSION SOLUTION

- Confirmed availability of 2nd-hand cylinder in our stock that would meet specifications, as providing a new one would have taken too long
- Customized solution by adapting piping and cylinder diameter size to customer's requirements
- Revamp done at the Service Center in Winterthur, Switzerland

CUSTOMER BENEFITS

- One contact for customer bringing in the global Burckhardt Compression network
- All relevant experts involved to find optimal solution
- Quick solution to deliver on time
- Sustainable service: recycling instead of buying new



New cylinder was needed to restore operation



Installation of 2nd-hand cylinder

"As a long-standing service partner, we very much appreciate the expertise and understanding for our needs and processes of Burckhardt Compression. They could provide a quick solution, completely tailored to our technical requirements and within budget. This is what we call a partnership – a company we can rely on. From the technical discussion, to offer and execution we are very satisfied with the solution provided."

Sven Wünsche, Technical Superintendent, Hartmann Gas Carriers Germany

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