

# Accepted Manuscript

Performance study on a single-screw compressor for a portable natural gas liquefaction process

Yong Li, Gongnan Xie, Sunden Bengt, Yuanwei Lu, Yuting Wu, Jiang Qin

PII: S0360-5442(18)30219-6

DOI: [10.1016/j.energy.2018.02.003](https://doi.org/10.1016/j.energy.2018.02.003)

Reference: EGY 12303

To appear in: *Energy*

Received Date: 8 November 2017

Revised Date: 25 January 2018

Accepted Date: 1 February 2018

Please cite this article as: Li Y, Xie G, Bengt S, Lu Y, Wu Y, Qin J, Performance study on a single-screw compressor for a portable natural gas liquefaction process, *Energy* (2018), doi: 10.1016/j.energy.2018.02.003.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Revised-EGY-17-05781**

**Performance Study on a Single-Screw Compressor for a  
Portable Natural Gas Liquefaction Process**

**Yong Li<sup>1,2</sup>, Gongnan Xie<sup>1,\*</sup>, Sunden Bengt<sup>3</sup>, Yuanwei Lu<sup>4,\*</sup>,  
Yuting Wu<sup>4</sup>, Jiang Qin<sup>5,\*</sup>**

<sup>1</sup> *School of Marine Science and Technology, Northwestern Polytechnical University, P.O. Box 24, Xi'an, 710072, China.*

<sup>2</sup> *School of Mechanical Engineering, Northwestern Polytechnical University, P.O. Box 522, Xi'an, 710072, China.*

<sup>3</sup> *Department of Energy Sciences, Lund University, P.O. Box 118, SE-22100 Lund, Sweden.*

<sup>4</sup> *College of Environmental and Energy Engineering, Beijing University of Technology, Beijing 100124, China.*

<sup>5</sup> *School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, Heilongjiang, China.*

\* Corresponding author: xgn@nwpu.edu.cn (G. Xie); luyuanwei@bjut.edu.cn (Y. Lu);

qinjiang@hit.edu.cn (J. Qin)

Tel: 86-29-88492611; Fax: 86-29-88495278

Download English Version:

<https://daneshyari.com/en/article/8072071>

Download Persian Version:

<https://daneshyari.com/article/8072071>

[Daneshyari.com](https://daneshyari.com)