

## Accepted Manuscript

Thermodynamic and Economic Analysis of Zeotropic Mixtures as Working Fluids in Low Temperature Organic Rankine Cycles

Bensi Dong, Guoqiang Xu, Tingting Li, Yongkai Quan, Jie Wen

PII: S1359-4311(17)35020-2  
DOI: <https://doi.org/10.1016/j.applthermaleng.2017.12.083>  
Reference: ATE 11604

To appear in: *Applied Thermal Engineering*

Received Date: 31 July 2017  
Revised Date: 18 December 2017  
Accepted Date: 23 December 2017

Please cite this article as: B. Dong, G. Xu, T. Li, Y. Quan, J. Wen, Thermodynamic and Economic Analysis of Zeotropic Mixtures as Working Fluids in Low Temperature Organic Rankine Cycles, *Applied Thermal Engineering* (2017), doi: <https://doi.org/10.1016/j.applthermaleng.2017.12.083>

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.



**Thermodynamic and Economic Analysis of Zeotropic Mixtures as  
Working Fluids in Low Temperature Organic Rankine Cycles**

Bensi Dong<sup>a</sup>; Guoqiang Xu<sup>a</sup>; Tingting Li<sup>b</sup>; Yongkai Quan<sup>a</sup>; Jie Wen<sup>a\*</sup>

<sup>a</sup> National Key Laboratory of Science and Technology on Aero-thermodynamics, School of Energy  
and Power Engineering, Beihang University, Beijing 100191, China

<sup>b</sup> Department of Mechanical Engineering, Texas A&M University, College Station, TX 77843-3123,  
United States

\*Corresponding author: Email: wenjie@buaa.edu.cn Tel.: +86(010)82338335

Revised manuscript submission to Applied Thermal Engineering on December 18, 2017

Download English Version:

<https://daneshyari.com/en/article/7046084>

Download Persian Version:

<https://daneshyari.com/article/7046084>

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