

Accepted Manuscript

Behavior of an Evaporating Water Droplet on Lubricant-impregnated Nano-structured Surface

Bong June Zhang, Kwang Jin Kim, Chi Young Lee

PII: S0894-1777(18)30311-X

DOI: <https://doi.org/10.1016/j.expthermflusci.2018.02.035>

Reference: ETF 9396

To appear in: *Experimental Thermal and Fluid Science*

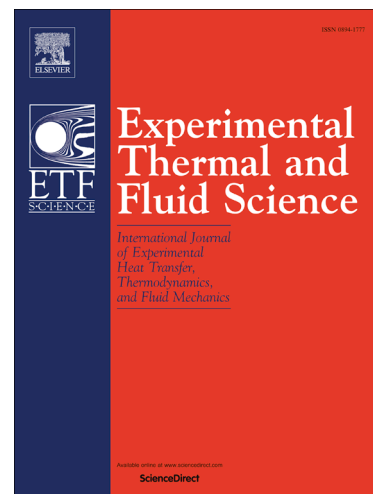
Received Date: 2 July 2016

Revised Date: 26 February 2018

Accepted Date: 27 February 2018

Please cite this article as: B.J. Zhang, K.J. Kim, C.Y. Lee, Behavior of an Evaporating Water Droplet on Lubricant-impregnated Nano-structured Surface, *Experimental Thermal and Fluid Science* (2018), doi: <https://doi.org/10.1016/j.expthermflusci.2018.02.035>

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.



Research Paper

Behavior of an Evaporating Water Droplet on Lubricant-impregnated
Nano-structured Surface

Submitted to Experimental Thermal and Fluid Science

Bong June Zhang ^a, Kwang Jin Kim ^b, and Chi Young Lee ^{c,*}

^a NBD Nanotechnologies, Inc., 419 Western Avenue, Brighton, MA 02135, USA

^b Department of Mechanical Engineering, University of Nevada, Las Vegas, 4505 Maryland
Parkway, Las Vegas, NV 89154, USA

^c Department of Fire Protection Engineering, Pukyong National University, 45 Yongso-ro,
Nam-gu, Busan 48513, Republic of Korea

* Corresponding author: cylee@pknu.ac.kr, Tel.: +82-51-629-6493, Fax: +82-51-629-7078

Download English Version:

<https://daneshyari.com/en/article/7051687>

Download Persian Version:

<https://daneshyari.com/article/7051687>

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