

Author's Accepted Manuscript

A Finite Element Model for Rolling Contact Fatigue of Refurbished Bearings

Neil R. Paulson, Nathan E. Evans, John A.R. Bomidi, Farshid Sadeghi, Ryan D. Evans, Kuldeep K. Mistry



www.elsevier.com/locate/triboint

PII: S0301-679X(14)00434-4
DOI: <http://dx.doi.org/10.1016/j.triboint.2014.12.006>
Reference: JTRI3507

To appear in: *Tribology International*

Received date: 12 September 2014
Revised date: 30 November 2014
Accepted date: 2 December 2014

Cite this article as: Neil R. Paulson, Nathan E. Evans, John A.R. Bomidi, Farshid Sadeghi, Ryan D. Evans, Kuldeep K. Mistry, A Finite Element Model for Rolling Contact Fatigue of Refurbished Bearings, *Tribology International*, <http://dx.doi.org/10.1016/j.triboint.2014.12.006>

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 galley proof before it is published in its final citable 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.

A Finite Element Model for Rolling Contact Fatigue of Refurbished Bearings

Neil R. Paulson¹

Ph.D. Graduate Research Assistant

Email: npaulson@purdue.edu

Nathan E. Evans¹

Ph.D. Graduate Research Assistant

Email: evans167@purdue.edu

John A.R. Bomidi¹

Ph.D. Graduate Research Assistant

Email: jbomidi@purdue.edu

Farshid Sadeghi^{1*}

Cummins Distinguished Professor of Mechanical Engineering

Email: sadeghi@ecn.purdue.edu

¹*Purdue University*

School of Mechanical Engineering

West Lafayette, IN 47907

Ryan D. Evans²

Manager, Engineering Fundamentals

Email: ryan.evans@timken.com

Kuldeep K. Mistry²

Principal Product Development Engineer

Email: kuldeep.mistry@timken.com

²*The Timken Company*

North Canton, Ohio 44720

*Corresponding Author

Download English Version:

<https://daneshyari.com/en/article/614561>

Download Persian Version:

<https://daneshyari.com/article/614561>

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